

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

NTP Study Number: C20117
Lock Date: 12/01/2008
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Male
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7245

TRT#: 22

SEX: Male

DAY ON TEST: 331

DOSE: NO CREAMNO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

OBSERVATIONS

Adren Cortex

Note: No RC per pathologist

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7246

TRT#: 22

SEX: Male

DAY ON TEST: 284

DOSE: NO CREAMNO SSL-M

DISP: Natural Death

HISTO: 021430307246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7247

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7248

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Epidermis

Hyperplasia
Inflammation

Squamous, Mild
Suppurative, Mild

Note: [Hyperplasia] TGLS = 1-5B

Note: [Inflammation] TGLS = 1-5B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7249

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7250

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7252

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7253

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7254

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7255

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7256

TRT#: 22

SEX: Male

DAY ON TEST: 360

DOSE: NO CREAMNO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Note: TGL 1 - NCL

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7257

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307257

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 2-5D

Note: Wet tissue requested for TGL # 2 on slide 5D

Cyst Epithelial Inclusion

* Skin, Site of Application

Note: [Sq CI Papillom] TGLS = 1-1-1

Squamous Cell Papilloma

One

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7258

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7259

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7260

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7261

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7262

TRT#: 22

SEX: Male

DAY ON TEST: 360

DOSE: NO CREAMNO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7264

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7265

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7266

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7267

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7268

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7269

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7270

TRT#: 22

SEX: Male

DAY ON TEST: 200

DOSE: NO CREAMNO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7271

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7272

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7273

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7274

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7275

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7276

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7277

TRT#: 22

SEX: Male

DAY ON TEST: 193

DOSE: NO CREAMNO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7278

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7279

TRT#: 22

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAMNO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

OBSERVATIONS

* Skin, SOA

Note: TGL 1 - NCL

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7280

TRT#: 22

SEX: Male

DAY ON TEST: 277

DOSE: NO CREAMNO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7281

TRT#: 23

SEX: Male

DAY ON TEST: 205

DOSE: PH 7.0 NO SSL-M

DISP: Natural Death

HISTO: 021430307281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7282

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Keratoacanthoma	One
Squamous Cell Carcinoma	One
Squamous Cell Papilloma	One

Note: TGL 2 - NCL

Note: [Sq CI Papillom] TGLS = 3-1-3

Note: [Squam Cel Carc] TGLS = 3-1-3

Note: [Keratoacanthma] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7283

TRT#: 23

SEX: Male

DAY ON TEST: 331

DOSE: PH 7.0 NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7284

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Note: [Sq Cl Papillom] TGLS = 1-1-1

Note: TGL 2 - NCL

Squamous Cell Papilloma

One

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7285

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Papilloma

One

Note: [Sq Cl Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7286

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Papilloma

Two

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7287

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion
Squamous Cell Papilloma

Two

Note: [Cyst Epith Inc] TGLS = 2-1-2

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7288

TRT#: 23

SEX: Male

DAY ON TEST: 324

DOSE: PH 7.0 NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7289

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Squamous, Mild

Inflammation

Chronic Active, Mild

Squamous Cell Papilloma

One

Epidermis

Ulcer

Mild

Note: [Hyperplasia] TGLS = 2-1-2

Note: [Inflammation] TGLS = 2-1-2

Note: [Ulcer] TGLS = 2-1-2

Note: [Sq CI Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7290

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7291

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7292

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Papilloma

One

Note: [Sq CI Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7293

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7294

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion
Hyperplasia
Squamous Cell Papilloma

Squamous, Mild
One

Note: [Cyst Epith Inc] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 3-1-3

Note: [Sq CI Papillom] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7295

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Cyst Epithelial Inclusion
Inflammation

Chronic Active, Moderate

Note: [Cyst Epith Inc] TGLS = 1-1-1

Note: [Inflammation] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7296

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7297

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Abscess

Marked

Note: [Abscess] TGLS = 1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7298

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7299

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7300

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Note: TGL 1 - NCL

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7301

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion

Hyperplasia

Squamous Cell Papilloma

Squam Atypical, Focal, One

One

Note: [Sq CI Papillom] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 2-1-2

Note: [Cyst Epith Inc] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7302

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7303

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307303

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 3-5

Note: TGL 4 - NST

* Skin, Site of Application

Note: [Sq CI Papillom] TGLS = 2-1-2

Note: [Keratoacanthma] TGLS = 1-1-1

Cyst Epithelial Inclusion

Keratoacanthoma

Squamous Cell Papilloma

One

One

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7304

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7305

TRT#: 23

SEX: Male

DAY ON TEST: 65

DOSE: PH 7.0 NO SSL-M

DISP: Natural Death

HISTO: 021430307305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Note: [Hyperplasia] TGLS = 1-1-1A, 1-1-1B, 1-1-1C, 1-1-1D

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7306

TRT#: 23

SEX: Male

DAY ON TEST: 320

DOSE: PH 7.0 NO SSL-M

DISP: Harvest

HISTO: 021430307306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Keratoacanthoma

One

Note: [Keratoacanthma] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7307

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307307

OBSERVATIONS

* Skin, Control

Abscess

Marked

Note: [Abscess] TGLS = 7-5B

* Skin, Site of Application

Squamous Cell Papilloma

Four

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4A

Note: Wet tissue requested for TGL # 4 on slide 1-4A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7308

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Papilloma

One

Note: [Sq CI Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7309

TRT#: 23

SEX: Male

DAY ON TEST: 347

DOSE: PH 7.0 NO SSL-M

DISP: Harvest

HISTO: 021430307309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Papilloma

Two

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7310

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, One

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7311

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307311

OBSERVATIONS

* Skin, Control

Abscess

Marked

Note: [Abscess] TGLS = 1-5

* Skin, Site of Application

Squamous Cell Papilloma

One

Note: [Sq Cl Papillom] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7312

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, One

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7313

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307313

OBSERVATIONS

* Skin, Control

Abscess

Marked

Note: [Abscess] TGLS = 2-5

* Skin, Site of Application

Dermis

Inflammation

Chronic Active, Minimal

Squamous Cell Papilloma

One

Note: [Sq CI Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7314

TRT#: 23

SEX: Male

DAY ON TEST: 209

DOSE: PH 7.0 NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307314

OBSERVATIONS

* Skin, Control

Dermis

Inflammation

Chronic Active, Moderate

Dermis

Inflammation

Suppurative, Moderate

Epidermis

Ulcer

Marked

Note: [Ulcer] TGLS = 2-6, 8-6D

Note: [Inflammation] TGLS = 8-6D

Note: [Inflammation] TGLS = 2-6

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7315

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, One

Squamous Cell Papilloma

Two

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3

Note: [Hyperplasia] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7316

TRT#: 23

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Papilloma

One

Note: [Sq Cl Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7317

TRT#: 24

SEX: Male

DAY ON TEST: 171

DOSE: 2% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307317

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7318

TRT#: 24

SEX: Male

DAY ON TEST: 274

DOSE: 2% RP NO SSL-M

DISP: Natural Death

HISTO: 021430307318

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7319

TRT#: 24

SEX: Male

DAY ON TEST: 210

DOSE: 2% RP NO SSL-M

DISP: Natural Death

HISTO: 021430307319

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7320

TRT#: 24

SEX: Male

DAY ON TEST: 220

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307320

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7321

TRT#: 24

SEX: Male

DAY ON TEST: 235

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307321

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7322

TRT#: 24

SEX: Male

DAY ON TEST: 235

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307322

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7323

TRT#: 24

SEX: Male

DAY ON TEST: 142

DOSE: 2% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307323

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7324

TRT#: 24

SEX: Male

DAY ON TEST: 334

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307324

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7325

TRT#: 24

SEX: Male

DAY ON TEST: 221

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307325

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7326

TRT#: 24

SEX: Male

DAY ON TEST: 255

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307326

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7327

TRT#: 24

SEX: Male

DAY ON TEST: 332

DOSE: 2% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307327

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7328

TRT#: 24

SEX: Male

DAY ON TEST: 292

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307328

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7329

TRT#: 24

SEX: Male

DAY ON TEST: 221

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307329

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7330

TRT#: 24

SEX: Male

DAY ON TEST: 213

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307330

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7331

TRT#: 24

SEX: Male

DAY ON TEST: 352

DOSE: 2% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307331

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7332

TRT#: 24

SEX: Male

DAY ON TEST: 178

DOSE: 2% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307332

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7333

TRT#: 24

SEX: Male

DAY ON TEST: 212

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307333

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7334

TRT#: 24

SEX: Male

DAY ON TEST: 248

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307334

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7335

TRT#: 24

SEX: Male

DAY ON TEST: 276

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307335

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7336

TRT#: 24

SEX: Male

DAY ON TEST: 234

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307336

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7337

TRT#: 24

SEX: Male

DAY ON TEST: 285

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307337

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7338

TRT#: 24

SEX: Male

DAY ON TEST: 206

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307338

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7339

TRT#: 24

SEX: Male

DAY ON TEST: 255

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307339

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7340

TRT#: 24

SEX: Male

DAY ON TEST: 241

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307340

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7341

TRT#: 24

SEX: Male

DAY ON TEST: 116

DOSE: 2% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307341

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7342

TRT#: 24

SEX: Male

DAY ON TEST: 248

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307342

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7343

TRT#: 24

SEX: Male

DAY ON TEST: 222

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307343

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7344

TRT#: 24

SEX: Male

DAY ON TEST: 368

DOSE: 2% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307344

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7345

TRT#: 24

SEX: Male

DAY ON TEST: 104

DOSE: 2% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307345

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7346

TRT#: 24

SEX: Male

DAY ON TEST: 248

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307346

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7347

TRT#: 24

SEX: Male

DAY ON TEST: 157

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307347

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7348

TRT#: 24

SEX: Male

DAY ON TEST: 227

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307348

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7349

TRT#: 24

SEX: Male

DAY ON TEST: 368

DOSE: 2% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307349

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7350

TRT#: 24

SEX: Male

DAY ON TEST: 262

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307350

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7351

TRT#: 24

SEX: Male

DAY ON TEST: 241

DOSE: 2% RP NO SSL-M

DISP: Harvest

HISTO: 021430307351

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7352

TRT#: 24

SEX: Male

DAY ON TEST: 368

DOSE: 2% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307352

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7353

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307353

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7354

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021530307354

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7355

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307355

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7356

TRT#: 25

SEX: Male

DAY ON TEST: 226

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307356

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7357

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307357

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7358

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307358

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7359

TRT#: 25

SEX: Male

DAY ON TEST: 299

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307359

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7360

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307360

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7361

TRT#: 25

SEX: Male

DAY ON TEST: 228

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307361

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7362

TRT#: 25

SEX: Male

DAY ON TEST: 206

DOSE: .001% RANO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307362

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7363

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307363

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7364

TRT#: 25

SEX: Male

DAY ON TEST: 284

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307364

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7365

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307365

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7366

TRT#: 25

SEX: Male

DAY ON TEST: 292

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307366

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7367

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307367

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7368

TRT#: 25

SEX: Male

DAY ON TEST: 348

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307368

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7369

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307369

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7370

TRT#: 25

SEX: Male

DAY ON TEST: 139

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307370

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7371

TRT#: 25

SEX: Male

DAY ON TEST: 285

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307371

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7372

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307372

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7373

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307373

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7374

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307374

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7375

TRT#: 25

SEX: Male

DAY ON TEST: 262

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307375

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7376

TRT#: 25

SEX: Male

DAY ON TEST: 255

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307376

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7377

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307377

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7378

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307378

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7379

TRT#: 25

SEX: Male

DAY ON TEST: 349

DOSE: .001% RANO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307379

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7380

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307380

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7381

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307381

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7382

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307382

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7383

TRT#: 25

SEX: Male

DAY ON TEST: 241

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307383

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7384

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307384

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7385

TRT#: 25

SEX: Male

DAY ON TEST: 9

DOSE: .001% RANO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430307385

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7386

TRT#: 25

SEX: Male

DAY ON TEST: 332

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307386

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7387

TRT#: 25

SEX: Male

DAY ON TEST: 283

DOSE: .001% RANO SSL-M

DISP: Harvest

HISTO: 021430307387

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7388

TRT#: 25

SEX: Male

DAY ON TEST: 368

DOSE: .001% RANO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430307388

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7389

TRT#: 26

SEX: Male

DAY ON TEST: 283

DOSE: NO CREAM6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7390

TRT#: 26

SEX: Male

DAY ON TEST: 289

DOSE: NO CREAM6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7391

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion

Hyperplasia

Squam Atypical, Focal, One

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Cyst Epith Inc] TGLS = 2-1-2A

Note: Wet tissue requested for TGL # 2 on slide 1-2A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7392

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Five

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7393

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Mild
	Hyperplasia	Squam Atypical, Focal, Five
Dermis	Inflammation	Chronic Active, Minimal
Epidermis	Inflammation	Suppurative, Minimal
	Squamous Cell Papilloma	One
Epidermis	Ulcer	Mild

Note: [Ulcer] TGLS = 4-1-4

Note: [Sq CI Papillom] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 5-1-5, 6-1-6, 8-1-8

Note: [Inflammation] TGLS = 1-1-1

Note: [Inflammation] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 4-1-4, 7-1-7

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7394

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7395

TRT#: 26

SEX: Male

DAY ON TEST: 332

DOSE: NO CREAM6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7396

TRT#: 26

SEX: Male

DAY ON TEST: 360

DOSE: NO CREAM6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7397

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7398

TRT#: 26

SEX: Male

DAY ON TEST: 268

DOSE: NO CREAM6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7399

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7400

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7401

TRT#: 26

SEX: Male

DAY ON TEST: 262

DOSE: NO CREAM6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Abscess

Marked

Note: Wet tissue requested for TGL # 2 on slide 6B

Note: [Abscess] TGLS = 2-6B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7402

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Papilloma

One

Note: [Sq Cl Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7403

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307403

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 2-5

Cyst Epithelial Inclusion

* Skin, Site of Application

Note: [Cyst Epith Inc] TGLS = 1-1-1

Cyst Epithelial Inclusion

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7404

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7405

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Inflammation

Chronic Active, Moderate

Note: [Inflammation] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7406

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Four

Squamous Cell Papilloma

Five

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 6-1-6, 9-1-9

Note: [Hyperplasia] TGLS = 5-1-5, 7-1-7, 8-1-8, 10-1-10

Note: [Hyperplasia] TGLS = 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7407

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7408

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307408

OBSERVATIONS

* Skin, Control

Abscess

Marked

Note: [Abscess] TGLS = 2-5

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, One

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7409

TRT#: 26

SEX: Male

DAY ON TEST: 62

DOSE: NO CREAM6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Sarcoma

Note: [Sarcoma] TGLS = 1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7410

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7411

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, Two

Chronic Active, Mild

One

One

Note: [Inflammation] TGLS = 3-1-3

Note: [Sq Cl Papillom] TGLS = 4-1-4

Note: [Squam Cel Carc] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2

Note: [Hyperplasia] TGLS = 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7412

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7413

TRT#: 26

SEX: Male

DAY ON TEST: 283

DOSE: NO CREAM6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Inflammation
Necrosis

Suppurative, Marked
Marked

Note: [Inflammation] TGLS = 1-6

Note: [Necrosis] TGLS = 1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7414

TRT#: 26

SEX: Male

DAY ON TEST: 219

DOSE: NO CREAM6.85SSLM

DISP: Natural Death

HISTO: 021430307414

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Autolyzed no tissue taken.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7415

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7416

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7417

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7418

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 2-1-2A

Note: Wet tissue requested for TGL # 2 on slide 1-2A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7419

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307419

OBSERVATIONS

* Skin, Control

Note: [Sq CI Papillom] TGLS = 2-5

Squamous Cell Papilloma

* Skin, Site of Application

Note: [Sq CI Papillom] TGLS = 1-1-1

Squamous Cell Papilloma

One

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7420

TRT#: 26

SEX: Male

DAY ON TEST: 354

DOSE: NO CREAM6.85SSLM

DISP: Harvest

HISTO: 021430307420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Epidermis

Hyperplasia

Hyperplasia

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, One

Minimal

One

Three

Note: [Necrosis] TGLS = 6-1-6, 7-1-7

Note: [Hyperplasia] TGLS = 6-1-6, 7-1-7

Note: [Sq Cl Papillom] TGLS = 3-1-3, 4-1-4, 5-1-5

Note: [Squam Cel Carc] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7421

TRT#: 26

SEX: Male

DAY ON TEST: 347

DOSE: NO CREAM6.85SSLM

DISP: Harvest

HISTO: 021430307421

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 4-6A, 5-6B

Cyst Epithelial Inclusion

* Skin, Site of Application

Note: [Cyst Epith Inc] TGLS = 2-1-2

Note: [SqCICarcInSitu] TGLS = 1-1-1

Cyst Epithelial Inclusion

Squamous Cell Carcinoma In Situ

One

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7422

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, One

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7423

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Note: [Hyperplasia] TGLS = 1-1-1

Note: TGL 2 - NCL

Hyperplasia

Squam Atypical, Focal, One

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7424

TRT#: 26

SEX: Male

DAY ON TEST: 368

DOSE: NO CREAM6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Site Of Application

OBSERVATIONS

* Skin, Control

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 1-5B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7425

TRT#: 27

SEX: Male

DAY ON TEST: 317

DOSE: PH 7.0 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307425

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 6-6

Cyst Epithelial Inclusion

* Skin, Site of Application

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5

Hyperplasia

Squam Atypical, Focal, Five

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7426

TRT#: 27

SEX: Male

DAY ON TEST: 283

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Four

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Three

Note: [SqCICarInSitu] TGLS = 5-1-5

Note: [Sq CI Papillom] TGLS = 3-1-3, 4-1-4, 8-1-8

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 7-1-7

Note: [Hyperplasia] TGLS = 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7427

TRT#: 27

SEX: Male

DAY ON TEST: 261

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307427

OBSERVATIONS

* Skin, Control

Dermis

Cyst Epithelial Inclusion
Inflammation

Chronic Active, Marked

Note: [Inflammation] TGLS = 23-6D, 23-6E

Note: [Cyst Epith Inc] TGLS = 23-6D, 23-6E

Note: Wet tissue requested for TGL # 23 on slide 6D and 6E

* Skin, Site of Application

Hyperplasia
Hyperplasia
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Minimal
Squam Atypical, Focal, > Five
Two
> Five

Note: [Hyperplasia] TGLS = 3-1-3A, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 11-1-11, 12-1-12, 13-1-13, 17-1-17, 18-1-18, 19-1-19, 20-1-20, 21-1-21, 22-1-22

Note: Wet tissue requested for TGL # 3 on slide 1-3A

Note: [SqCICarcInSitu] TGLS = 10-1-10

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 7-1-7, 8-1-8, 9-1-9, 12-1-12, 14-1-14, 15-1-15, 16-1-16, 18-1-18

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7428

TRT#: 27

SEX: Male

DAY ON TEST: 291

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

Two

Squamous Cell Papilloma

Three

Note: [Sq CI Papillom] TGLS = 5-1-5, 11-1-11

Note: [Squam Cel Carc] TGLS = 6-1-6, 10-1-10

Note: TGL 4 - NCL

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 7-1-7, 8-1-8, 9-1-9, 12-1-12, 13-1-13

Note: [Hyperplasia] TGLS = 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7429

TRT#: 27

SEX: Male

DAY ON TEST: 327

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

> Five

Note: [SqClCarclnSitu] TGLS = 13-1-13

Note: [Squam Cel Carc] TGLS = 8-1-8

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 12-1-12, 14-1-14

Note: [Sq Cl Papillom] TGLS = 5-1-5, 7-1-7, 10-1-10, 11-1-11, 12-1-12, 16-1-16, 17-1-17, 18-1-18

Note: [Hyperplasia] TGLS = 9-1-9, 15-1-15

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7430

TRT#: 27

SEX: Male

DAY ON TEST: 277

DOSE: PH 7.0 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Papilloma

One

Note: [Sq CI Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7431

TRT#: 27

SEX: Male

DAY ON TEST: 23

DOSE: PH 7.0 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Abscess

Marked

Hyperplasia

Squamous, Mild

Note: [Abscess] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7432

TRT#: 27

SEX: Male

DAY ON TEST: 254

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia
Squamous Cell Papilloma

Squam Atypical, Focal, Three
Five

Note: [Hyperplasia] TGLS = 3-1-3, 6-1-6

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7433

TRT#: 27

SEX: Male

DAY ON TEST: 192

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Inflammation

Squamous Cell Papilloma

Squamous, Mild

Chronic Active, Mild

Two

Note: [Inflammation] TGLS = 1-1-1

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7434

TRT#: 27

SEX: Male

DAY ON TEST: 263

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Papilloma

Squamous, Moderate
Squam Atypical, Focal, Three
Chronic Active, Mild
Minimal
Four

Note: [Necrosis] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 2-1-2, 5-1-5

Note: [Sq CI Papillom] TGLS = 1-1-1, 3-1-3A, 4-1-4, 6-1-6

Note: Wet tissue requested for TGL # 3 on slide 1-3A

Note: [Hyperplasia] TGLS = 1-1-1, 7-1-7, 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7435

TRT#: 27

SEX: Male

DAY ON TEST: 254

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Cyst Epithelial Inclusion

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, Five

Chronic Active, Minimal

Two

> Five

Note: [Cyst Epith Inc] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 1-1-1, 4-1-4, 7-1-7, 8-1-8, 12-1-12

Note: [SqCICarcInSitu] TGLS = 6-1-6, 8-1-8

Note: [Hyperplasia] TGLS = 3-1-3A

Note: [Sq CI Papillom] TGLS = 2-1-2, 5-1-5A, 6-1-6, 9-1-9, 10-1-10, 11-1-11

Note: Wet tissue requested for TGL # 3 on slide 1-3A

Note: Wet tissue requested for TGL # 5 on slide 1-5A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7436

TRT#: 27

SEX: Male

DAY ON TEST: 313

DOSE: PH 7.0 6.85SSLM

DISP: Natural Death

HISTO: 021430307436

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 8-6

* Skin, Site of Application

Dermis

Epidermis

Cyst Epithelial Inclusion

Hyperplasia

Hyperplasia

Inflammation

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, One

Chronic Active, Minimal

Mild

One

Three

Note: [Inflammation] TGLS = 3-1-3

Note: [Necrosis] TGLS = 3-1-3, 7-1-7

Note: [Squam Cel Carc] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 3-1-3, 7-1-7

Note: [Sq CI Papillom] TGLS = 1-1-1, 4-1-4, 5-1-5

Note: [Hyperplasia] TGLS = 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7437

TRT#: 27

SEX: Male

DAY ON TEST: 277

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Papilloma

Five

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4, 8-1-8, 9-1-9

Note: [Hyperplasia] TGLS = 1-1-1, 5-1-5, 7-1-7, 12-1-12

Note: [Hyperplasia] TGLS = 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7438

TRT#: 27

SEX: Male

DAY ON TEST: 181

DOSE: PH 7.0 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7439

TRT#: 27

SEX: Male

DAY ON TEST: 320

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Two

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

Three

Note: [Hyperplasia] TGLS = 2-1-2, 6-1-6

Note: [Sq CI Papillom] TGLS = 1-1-1, 3-1-3, 5-1-5

Note: [Squam Cel Carc] TGLS = 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7440

TRT#: 27

SEX: Male

DAY ON TEST: 299

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion

Hyperplasia

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squam Atypical, Focal, Three

One

Four

Note: [Cyst Epith Inc] TGLS = 1-1-1

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 7-1-7, 8-1-8

Note: [Squam Cel Carc] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 4-1-4, 6-1-6, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7441

TRT#: 27

SEX: Male

DAY ON TEST: 229

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4, 5-1-5, 7-1-7, 16-1-16, 17-1-17, 18-1-18, 19-1-19

Note: [Sq CI Papillom] TGLS = 2-1-2, 4-1-4, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14, 15-1-15, 16-1-16, 18-1-18, 20-1-20

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7442

TRT#: 27

SEX: Male

DAY ON TEST: 368

DOSE: PH 7.0 6.85SSLM

DISP: Terminal Sacrifice

HISTO: 021430307442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

Four

Squamous Cell Papilloma

Four

Note: [Sq CI Papillom] TGLS = 5-1-5, 6-1-6, 9-1-9

Note: [SqCICarclnSitu] TGLS = 1-1-1, 3-1-3, 8-1-8, 11-1-11

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 7-1-7, 8-1-8, 10-1-10

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7443

TRT#: 27

SEX: Male

DAY ON TEST: 222

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Two

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 6-1-6, 8-1-8

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7444

TRT#: 27

SEX: Male

DAY ON TEST: 249

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307444

OBSERVATIONS

* Skin, Control

Cyst Epithelial Inclusion

Note: [Cyst Epith Inc] TGLS = 21-6C

* Skin, Site of Application

Cyst Epithelial Inclusion

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 13-1-13, 14-1-14, 15-1-15

Note: [Cyst Epith Inc] TGLS = 17-1-17

Note: [Sq CI Papillom] TGLS = 1-1-1, 4-1-4, 5-1-5, 7-1-7, 9-1-9, 11-1-11, 12-1-12, 15-1-15, 16-1-16

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7445

TRT#: 27

SEX: Male

DAY ON TEST: 16

DOSE: PH 7.0 6.85SSL

DISP: Moribund Sacrifice

HISTO: 021430307445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7446

TRT#: 27

SEX: Male

DAY ON TEST: 235

DOSE: PH 7.0 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Mild

One

Four

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 10-1-10

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 9-1-9, 11-1-11

Note: [SqCICarInSitu] TGLS = 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7447

TRT#: 27

SEX: Male

DAY ON TEST: 271

DOSE: PH 7.0 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307447

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 2-6B

Note: Wet tissue requested for TGL # 2 on slide 6B

Cyst Epithelial Inclusion

* Skin, Site of Application

Note: [Sq CI Papillom] TGLS = 1-1-1

Squamous Cell Papilloma

One

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7448

TRT#: 27

SEX: Male

DAY ON TEST: 276

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion

Hyperplasia

Hyperplasia

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, Four

One

> Five

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4, 7-1-7, 12-1-12, 15-1-15

Note: [Squam Cel Carc] TGLS = 1-1-1

Note: [Cyst Epith Inc] TGLS = 11-1-11

Note: [Hyperplasia] TGLS = 6-1-6, 10-1-10, 13-1-13, 14-1-14

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5, 8-1-8, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7449

TRT#: 27

SEX: Male

DAY ON TEST: 263

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307449

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 16-6A

Cyst Epithelial Inclusion

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

> Five

Note: [Inflammation] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 9-1-9, 12-1-12, 14-1-14

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 6-1-6, 7-1-7, 8-1-8, 11-1-11, 13-1-13, 15-1-15

Note: [Hyperplasia] TGLS = 5-1-5, 8-1-8, 10-1-10

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7450

TRT#: 27

SEX: Male

DAY ON TEST: 320

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Control

Note: TGL 7 - NCL

* Skin, Site of Application

Dermis

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squam Atypical, Focal, Three

Chronic Active, Mild

One

One

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 6-1-6

Note: [Inflammation] TGLS = 4-1-4

Note: [Sq Cl Papillom] TGLS = 2-1-2

Note: [Squam Cel Carc] TGLS = 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7451

TRT#: 27

SEX: Male

DAY ON TEST: 299

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion
Hyperplasia
Hyperplasia
Squamous Cell Papilloma

Squamous, Moderate
Squam Atypical, Focal, > Five
One

Note: [Cyst Epith Inc] TGLS = 9-1-9

Note: [Sq CI Papillom] TGLS = 10-1-10

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 8-1-8

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7452

TRT#: 27

SEX: Male

DAY ON TEST: 269

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Papilloma

Five

Note: [Sq CI Papillom] TGLS = 1-1-1, 3-1-3, 5-1-5, 7-1-7, 9-1-9

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 6-1-6, 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7453

TRT#: 27

SEX: Male

DAY ON TEST: 233

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Squamous Cell Papilloma

Two

Note: [Hyperplasia] TGLS = 3-1-3

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7454

TRT#: 27

SEX: Male

DAY ON TEST: 263

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307454

OBSERVATIONS

* Skin, Control

Abscess

Marked

Note: [Abscess] TGLS = 16-6A

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 8-1-8, 10-1-10, 12-1-12

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 9-1-9, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7455

TRT#: 27

SEX: Male

DAY ON TEST: 340

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

Two

One

Note: [Inflammation] TGLS = 4-1-4

Note: [Squam Cel Carc] TGLS = 10-1-10, 11-1-11

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 6-1-6, 7-1-7, 8-1-8

Note: [Hyperplasia] TGLS = 4-1-4

Note: [Sq CI Papillom] TGLS = 9-1-9, 9-1-9A

Note: Wet tissue requested for TGL # 9 on slide 1-9A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7456

TRT#: 27

SEX: Male

DAY ON TEST: 208

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, One

Squamous Cell Papilloma

Three

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7457

TRT#: 27

SEX: Male

DAY ON TEST: 292

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307457

OBSERVATIONS

* Skin, Control

Epidermis

Hyperplasia

Squamous, Moderate

Inflammation

Suppurative, Moderate

Dermis

Inflammation

Chronic Active, Moderate

Epidermis

Necrosis

Moderate

Note: [Necrosis] TGLS = 14-6

Note: [Inflammation] TGLS = 14-6

Note: [Hyperplasia] TGLS = 14-6

Note: [Inflammation] TGLS = 14-6

* Skin, Site of Application

Cyst Epithelial Inclusion

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, > Five

Hyperplasia

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Five

Note: [Cyst Epith Inc] TGLS = 6-1-6

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 9-1-9, 10-1-10, 12-1-12

Note: [Hyperplasia] TGLS = 2-1-2A, 5-1-5

Note: Wet tissue requested for TGL # 2 on slide 1-2A

Note: [Sq CI Papillom] TGLS = 4-1-4, 6-1-6, 7-1-7, 11-1-11, 13-1-13

Note: [SCICarclnSitu] TGLS = 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7458

TRT#: 27

SEX: Male

DAY ON TEST: 262

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Five

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 9-1-9

Note: [SqClCarclnSitu] TGLS = 8-1-8

Note: [Sq Cl Papillom] TGLS = 1-1-1, 3-1-3, 10-1-10, 11-1-11, 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7459

TRT#: 27

SEX: Male

DAY ON TEST: 235

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, Four
Chronic Active, Minimal
Minimal
> Five

Note: [Inflammation] TGLS = 5-1-5

Note: [Necrosis] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 5-1-5

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14, 15-1-15

Note: [Hyperplasia] TGLS = 5-1-5, 13-1-13, 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7460

TRT#: 27

SEX: Male

DAY ON TEST: 283

DOSE: PH 7.0 6.85SSLM

DISP: Harvest

HISTO: 021430307460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Carcinoma

One

Note: [Squam Cel Carc] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7461

TRT#: 28

SEX: Male

DAY ON TEST: 192

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Sq CI Papillom] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7462

TRT#: 28

SEX: Male

DAY ON TEST: 228

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Mild

Suppurative, Minimal

Minimal

Two

Five

Note: [Inflammation] TGLS = 3-1-3

Note: [Necrosis] TGLS = 3-1-3

Note: [SqCICarcInSitu] TGLS = 6-1-6

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 5-1-5, 7-1-7A, 7-1-7B, 9-1-9, 12-1-12

Note: [Inflammation] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 3-1-3

Note: [Sq CI Papillom] TGLS = 1-1-1, 8-1-8, 10-1-10, 10-1-10A, 11-1-11

Note: Wet tissue requested for TGL # 10 on slide 1-10A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7463

TRT#: 28

SEX: Male

DAY ON TEST: 235

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

Two

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 5-1-5, 8-1-8, 14-1-14, 15-1-15

Note: [Sq CI Papillom] TGLS = 1-1-1, 4-1-4, 6-1-6, 7-1-7, 10-1-10, 11-1-11, 12-1-12, 13-1-13

Note: [SqCICarInSitu] TGLS = 3-1-3, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7464

TRT#: 28

SEX: Male

DAY ON TEST: 262

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Five

Squamous Cell Papilloma

> Five

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 15-1-15, 17-1-17, 19-1-19

Note: [Hyperplasia] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 13-1-13, 14-1-14, 16-1-16, 18-1-18, 20-1-20

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7465

TRT#: 28

SEX: Male

DAY ON TEST: 270

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

Two

> Five

Note: [Squam Cel Carc] TGLS = 12-1-12, 22-1-22

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 21-1-21

Note: [Hyperplasia] TGLS = 3-1-3, 6-1-6, 7-1-7, 10-1-10, 11-1-11, 13-1-13, 15-1-15, 16-1-16, 18-1-18, 20-1-20

Note: [Sq Cl Papillom] TGLS = 1-1-1, 5-1-5, 7-1-7, 8-1-8, 9-1-9, 14-1-14, 17-1-17, 19-1-19

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7466

TRT#: 28

SEX: Male

DAY ON TEST: 276

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

Three

Note: [Sq CI Papillom] TGLS = 2-1-2, 4-1-4, 10-1-10

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 5-1-5, 6-1-6, 7-1-7

Note: [Squam Cel Carc] TGLS = 8-1-8

Note: [Hyperplasia] TGLS = 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7467

TRT#: 28

SEX: Male

DAY ON TEST: 299

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia
Squamous Cell Papilloma

Squam Atypical, Focal, > Five
> Five

Note: TGL 4 - NCL

Note: [Hyperplasia] TGLS = 3-1-3, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 13-1-13, 14-1-14

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 11-1-11, 12-1-12, 15-1-15

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7468

TRT#: 28

SEX: Male

DAY ON TEST: 276

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, > Five
Chronic Active, Minimal
Minimal
> Five

Note: [Inflammation] TGLS = 11-1-11

Note: [Necrosis] TGLS = 13-1-13

Note: [Sq CI Papillom] TGLS = 1-1-1, 4-1-4, 5-1-5, 9-1-9, 10-1-10, 17-1-17, 18-1-18, 19-1-19, 20-1-20, 23-1-23, 24-1-24

Note: [Hyperplasia] TGLS = 3-1-3, 11-1-11, 13-1-13

Note: [Hyperplasia] TGLS = 2-1-2, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 12-1-12, 14-1-14, 15-1-15, 16-1-16, 18-1-18, 19-1-19, 20-1-20, 21-1-21, 22-1-22

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7469

TRT#: 28

SEX: Male

DAY ON TEST: 243

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Epidermis

Hyperplasia

Hyperplasia

Necrosis

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, > Five

Mild

> Five

Note: [Necrosis] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 6-1-6, 7-1-7, 9-1-9, 12-1-12, 14-1-14

Note: [Sq CI Papillom] TGLS = 4-1-4, 8-1-8, 9-1-9, 10-1-10, 11-1-11, 13-1-13

Note: [Hyperplasia] TGLS = 2-1-2, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7470

TRT#: 28

SEX: Male

DAY ON TEST: 254

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Minimal

Squam Atypical, Focal, One

Chronic Active, Minimal

One

Two

Note: [Squam Cel Carc] TGLS = 1-1-1

Note: [Sq Cl Papillom] TGLS = 3-1-3, 4-1-4

Note: [Hyperplasia] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7471

TRT#: 28

SEX: Male

DAY ON TEST: 255

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307471

OBSERVATIONS

* Skin, Control

Abscess

Marked

Note: [Abscess] TGLS = 18-6C

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Keratoacanthoma

One

Squamous Cell Papilloma

> Five

Note: [Keratoacanthoma] TGLS = 2-1-2

Note: [Sq CI Papillom] TGLS = 3-1-3, 4-1-4, 6-1-6, 13-1-13

Note: [Hyperplasia] TGLS = 1-1-1, 5-1-5, 7-1-7, 8-1-8, 10-1-10, 11-1-11, 12-1-12, 14-1-14

Note: [Hyperplasia] TGLS = 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7472

TRT#: 28

SEX: Male

DAY ON TEST: 276

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Necrosis

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Ulcer

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Mild

Mild

Two

One

Two

Moderate

Note: [SqClCarclnSitu] TGLS = 14-1-14

Note: [Sq Cl Papillom] TGLS = 1-1-1, 8-1-8

Note: [Necrosis] TGLS = 2-1-2, 10-1-10

Note: [Squam Cel Carc] TGLS = 5-1-5, 13-1-13

Note: [Hyperplasia] TGLS = 4-1-4, 6-1-6, 9-1-9, 11-1-11, 12-1-12, 14-1-14, 15-1-15, 16-1-16

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3A, 7-1-7, 10-1-10

Note: [Inflammation] TGLS = 2-1-2, 3-1-3A, 7-1-7, 10-1-10

Note: Wet tissue requested for TGL # 3 on slide 1-3A

Note: [Ulcer] TGLS = 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7473

TRT#: 28

SEX: Male

DAY ON TEST: 248

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 6-1-6, 8-1-8

Note: [Sq CI Papillom] TGLS = 5-1-5, 7-1-7, 9-1-9, 10-1-10, 11-1-11, 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7474

TRT#: 28

SEX: Male

DAY ON TEST: 255

DOSE: .1% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307474

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 14-6

Cyst Epithelial Inclusion

* Skin, Site of Application

Dermis

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Five

Inflammation

Chronic Active, Minimal

Squamous Cell Papilloma

> Five

Epidermis

Ulcer

Mild

Note: [Inflammation] TGLS = 13-1-13

Note: [Hyperplasia] TGLS = 3-1-3, 5-1-5, 6-1-6, 7-1-7, 10-1-10

Note: [Ulcer] TGLS = 13-1-13

Note: [Hyperplasia] TGLS = 12-1-12, 13-1-13

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 8-1-8, 9-1-9, 11-1-11

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7475

TRT#: 28

SEX: Male

DAY ON TEST: 256

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Five

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 1-1-1, 4-1-4, 8-1-8, 9-1-9, 10-1-10

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 6-1-6, 7-1-7

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7476

TRT#: 28

SEX: Male

DAY ON TEST: 334

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Five

Note: [Sq CI Papillom] TGLS = 1-1-1, 3-1-3, 8-1-8, 11-1-11

Note: [Hyperplasia] TGLS = 2-1-2, 5-1-5, 6-1-6, 9-1-9, 10-1-10

Note: [Hyperplasia] TGLS = 4-1-4, 7-1-7, 12-1-12

Note: [SqCICarclnSitu] TGLS = 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7477

TRT#: 28

SEX: Male

DAY ON TEST: 285

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307477

OBSERVATIONS

* Skin, Control

Epidermis

Inflammation

Suppurative, Moderate

Dermis

Inflammation

Chronic Active, Moderate

Epidermis

Ulcer

Moderate

Note: [Inflammation] TGLS = 11-6

Note: [Ulcer] TGLS = 11-6

Note: [Inflammation] TGLS = 11-6

* Skin, Site of Application

Hyperplasia

Squamous, Moderate

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 7-1-7, 8-1-8, 10-1-10

Note: [Hyperplasia] TGLS = 4-1-4, 6-1-6, 9-1-9

Hyperplasia

Squam Atypical, Focal, > Five

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7478

TRT#: 28

SEX: Male

DAY ON TEST: 207

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7479

TRT#: 28

SEX: Male

DAY ON TEST: 83

DOSE: .1% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7480

TRT#: 28

SEX: Male

DAY ON TEST: 276

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Mild
	Hyperplasia	Squam Atypical, Focal, Four
Dermis	Inflammation	Chronic Active, Mild
Epidermis	Inflammation	Suppurative, Mild
Epidermis	Necrosis	Minimal
	Squamous Cell Papilloma	One
Epidermis	Ulcer	Mild

Note: [Inflammation] TGLS = 7-1-7

Note: [Necrosis] TGLS = 1-1-1

Note: [Sq CI Papillom] TGLS = 4-1-4

Note: [Ulcer] TGLS = 7-1-7

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 5-1-5, 6-1-6

Note: [Inflammation] TGLS = 7-1-7

Note: [Hyperplasia] TGLS = 1-1-1, 7-1-7

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7481

TRT#: 28

SEX: Male

DAY ON TEST: 207

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

Squamous, Mild

Chronic Active, Minimal

One

Four

Note: [Squam Cel Carc] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 9-1-9

Note: [Sq Cl Papillom] TGLS = 1-1-1, 3-1-3, 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7482

TRT#: 28

SEX: Male

DAY ON TEST: 270

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Mild
	Hyperplasia	Squam Atypical, Focal, Five
Dermis	Inflammation	Chronic Active, Mild
Epidermis	Inflammation	Suppurative, Minimal
Epidermis	Necrosis	Mild
	Squamous Cell Carcinoma In Situ	One
	Squamous Cell Papilloma	> Five

Note: [Inflammation] TGLS = 1-1-1, 5-1-5

Note: [Necrosis] TGLS = 1-1-1

Note: [SqCICarcInSitu] TGLS = 8-1-8

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 6-1-6, 7-1-7, 9-1-9

Note: [Sq CI Papillom] TGLS = 4-1-4, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14, 15-1-15

Note: [Inflammation] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 1-1-1, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7483

TRT#: 28

SEX: Male

DAY ON TEST: 262

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

Two

Squamous Cell Papilloma

> Five

Note: [Squam Cel Carc] TGLS = 6-1-6, 24-1-24

Note: [Hyperplasia] TGLS = 8-1-8, 9-1-9, 10-1-10, 13-1-13, 14-1-14, 16-1-16, 18-1-18, 23-1-23, 25-1-25

Note: [Sq Cl Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 7-1-7, 12-1-12, 15-1-15, 17-1-17, 19-1-19, 20-1-20, 21-1-21, 22-1-22

Note: [Hyperplasia] TGLS = 1-1-1, 11-1-11

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7484

TRT#: 28

SEX: Male

DAY ON TEST: 276

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Papilloma

Ulcer

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Moderate

Suppurative, Minimal

Mild

One

Mild

Note: [Necrosis] TGLS = 6-1-6, 11-1-11

Note: [Sq CI Papillom] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 5-1-5, 7-1-7, 8-1-8, 9-1-9A, 9-1-9B

Note: [Inflammation] TGLS = 10-1-10, 11-1-11

Note: [Inflammation] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 3-1-3, 6-1-6, 10-1-10, 11-1-11

Note: [Ulcer] TGLS = 2-1-2, 10-1-10

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7485

TRT#: 28

SEX: Male

DAY ON TEST: 242

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, Four

Chronic Active, Minimal

Suppurative, Mild

Mild

One

Two

Note: [Inflammation] TGLS = 1-1-1

Note: [Necrosis] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5, 6-1-6, 7-1-7

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3

Note: [SqCICarclnSitu] TGLS = 8-1-8

Note: [Inflammation] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7486

TRT#: 28

SEX: Male

DAY ON TEST: 242

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

Two

Squamous Cell Papilloma

> Five

Note: [SqClCarInSitu] TGLS = 6-1-6, 9-1-9

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 8-1-8, 9-1-9, 11-1-11, 13-1-13

Note: [Hyperplasia] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 6-1-6, 7-1-7, 10-1-10, 12-1-12, 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7487

TRT#: 28

SEX: Male

DAY ON TEST: 269

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 6-1-6, 14-1-14, 16-1-16, 17-1-17

Note: [Hyperplasia] TGLS = 5-1-5, 8-1-8, 11-1-11, 12-1-12, 13-1-13, 18-1-18

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 15-1-15

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7488

TRT#: 28

SEX: Male

DAY ON TEST: 214

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307488

OBSERVATIONS

* Skin, Control

Abscess

Marked

Note: [Abscess] TGLS = 18-6

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 7-1-7, 11-1-11, 12-1-12, 13-1-13, 16-1-16

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 8-1-8, 9-1-9, 10-1-10, 14-1-14, 15-1-15, 17-1-17

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7489

TRT#: 28

SEX: Male

DAY ON TEST: 233

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squam Atypical, Focal, Five
Three
> Five

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5, 6-1-6, 8-1-8, 11-1-11

Note: [SqClCarclnSitu] TGLS = 3-1-3, 10-1-10, 12-1-12

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 7-1-7, 9-1-9, 13-1-13, 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7490

TRT#: 28

SEX: Male

DAY ON TEST: 255

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Epidermis

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

One

Ulcer

Moderate

Note: [SqClCarInSitu] TGLS = 7-1-7

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 6-1-6, 7-1-7, 8-1-8, 9-1-9

Note: [Hyperplasia] TGLS = 4-1-4

Note: [Ulcer] TGLS = 1-1-1

Note: [Sq Cl Papillom] TGLS = 10-1-10

Note: [Squam Cel Carc] TGLS = 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7491

TRT#: 28

SEX: Male

DAY ON TEST: 226

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Ulcer

Squamous, Mild

Squam Atypical, Focal, Two

Chronic Active, Mild

Suppurative, Minimal

One

Four

Minimal

Note: [Inflammation] TGLS = 1-1-1, 3-1-3

Note: [Ulcer] TGLS = 1-1-1

Note: [SqCICarcInSitu] TGLS = 4-1-4

Note: [Sq CI Papillom] TGLS = 2-1-2, 7-1-7, 9-1-9, 10-1-10

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 5-1-5

Note: [Inflammation] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 6-1-6, 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7492

TRT#: 28

SEX: Male

DAY ON TEST: 181

DOSE: .1% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, One

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 2-1-2A

Note: Wet tissue requested for TGL # 2 on slide 1-2A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7493

TRT#: 28

SEX: Male

DAY ON TEST: 256

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Epidermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Ulcer

Squamous, Moderate

Squam Atypical, Focal, > Five

Suppurative, Minimal

Mild

One

Four

Mild

Note: [Inflammation] TGLS = 9-1-9

Note: [Necrosis] TGLS = 8-1-8

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 10-1-10, 12-1-12

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 6-1-6

Note: [Ulcer] TGLS = 9-1-9

Note: [Hyperplasia] TGLS = 8-1-8, 9-1-9, 11-1-11

Note: [Squam Cel Carc] TGLS = 13-1-13

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7494

TRT#: 28

SEX: Male

DAY ON TEST: 235

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307494

OBSERVATIONS

* Skin, Control

Note: [Abscess] TGLS = 8-6

Abscess

Marked

* Skin, Site of Application

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4, 6-1-6, 7-1-7

Note: [Hyperplasia] TGLS = 5-1-5

Hyperplasia

Hyperplasia

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, Two

> Five

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7495

TRT#: 28

SEX: Male

DAY ON TEST: 235

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

One

> Five

Note: [SqCICarcInSitu] TGLS = 11-1-11

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 16-1-16

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 8-1-8, 9-1-9, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14, 15-1-15

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7496

TRT#: 28

SEX: Male

DAY ON TEST: 227

DOSE: .1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307496

OBSERVATIONS

* Skin, Control

Note: [Abscess] TGLS = 7-6

Abscess

Marked

* Skin, Site of Application

Note: [Hyperplasia] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6

Hyperplasia

Hyperplasia

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, One

Five

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7497

TRT#: 29

SEX: Male

DAY ON TEST: 262

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

One

Four

Note: [Hyperplasia] TGLS = 2-1-2, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 11-1-11, 12-1-12, 13-1-13, 15-1-15, 16-1-16

Note: [Inflammation] TGLS = 4-1-4

Note: [Sq Cl Papillom] TGLS = 1-1-1, 3-1-3, 10-1-10

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5

Note: [Squam Cel Carc] TGLS = 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7498

TRT#: 29

SEX: Male

DAY ON TEST: 255

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

One

> Five

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 12-1-12

Note: [Sq Cl Papillom] TGLS = 2-1-2, 3-1-3, 5-1-5, 7-1-7, 10-1-10, 11-1-11

Note: [Squam Cel Carc] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7499

TRT#: 29

SEX: Male

DAY ON TEST: 235

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Mild

Three

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 10-1-10, 11-1-11, 12-1-12

Note: [Sq CI Papillom] TGLS = 7-1-7, 8-1-8, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7500

TRT#: 29

SEX: Male

DAY ON TEST: 270

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Moderate
	Hyperplasia	Squam Atypical, Focal, > Five
Dermis	Inflammation	Chronic Active, Minimal
Epidermis	Necrosis	Mild
	Squamous Cell Carcinoma	One
	Squamous Cell Carcinoma In Situ	One
	Squamous Cell Papilloma	> Five

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5, 7-1-7, 8-1-8, 10-1-10, 11-1-11, 14-1-14, 15-1-15, 16-1-16, 17-1-17, 18-1-18, 19-1-19, 20-1-20

Note: [Hyperplasia] TGLS = 3-1-3

Note: [SqCICarcInSitu] TGLS = 5-1-5

Note: [Inflammation] TGLS = 3-1-3

Note: [Necrosis] TGLS = 3-1-3

Note: [Squam Cel Carc] TGLS = 1-1-1

Note: [Sq CI Papillom] TGLS = 2-1-2, 6-1-6, 8-1-8, 9-1-9, 12-1-12, 13-1-13

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7501

TRT#: 29

SEX: Male

DAY ON TEST: 201

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

Squamous, Moderate

Chronic Active, Minimal

One

> Five

Note: [Squam Cel Carc] TGLS = 7-1-7

Note: [Inflammation] TGLS = 18-1-18

Note: [Sq Cl Papillom] TGLS = 3-1-3, 4-1-4, 8-1-8, 10-1-10, 15-1-15, 19-1-19, 25-1-25, 26-1-26, 29-1-29

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 5-1-5, 6-1-6, 9-1-9, 11-1-11, 12-1-12, 14-1-14, 16-1-16, 17-1-17, 20-1-20, 21-1-21, 22-1-22, 23-1-23, 24-1-24, 27-1-27

Note: [Hyperplasia] TGLS = 28-1-28, 31-1-31

Note: [Hyperplasia] TGLS = 13-1-13, 18-1-18, 30-1-30

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7502

TRT#: 29

SEX: Male

DAY ON TEST: 270

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Papilloma

Ulcer

Squamous, Moderate

Squam Atypical, Focal, Three

Chronic Active, Marked

Suppurative, Moderate

Mild

Two

Moderate

Note: [Necrosis] TGLS = 5-1-5

Note: [Sq CI Papillom] TGLS = 4-1-4, 11-1-11

Note: [Hyperplasia] TGLS = 5-1-5, 8-1-8, 9-1-9

Note: [Inflammation] TGLS = 1-1-1, 2-1-2A, 7-1-7

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2A, 3-1-3, 6-1-6, 7-1-7, 10-1-10

Note: [Inflammation] TGLS = 1-1-1, 2-1-2A, 6-1-6, 7-1-7

Note: [Ulcer] TGLS = 1-1-1, 2-1-2A, 7-1-7

Note: Wet tissue requested for TGL # 2 on slide 1-2A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7503

TRT#: 29

SEX: Male

DAY ON TEST: 276

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

Five

Note: [Squam Cel Carc] TGLS = 9-1-9

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4, 5-1-5, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14, 15-1-15, 17-1-17, 18-1-18, 19-1-19

Note: [Sq Cl Papillom] TGLS = 2-1-2, 6-1-6, 12-1-12, 13-1-13, 16-1-16

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7504

TRT#: 29

SEX: Male

DAY ON TEST: 214

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Ulcer

Squamous, Moderate

Squam Atypical, Focal, Four

Chronic Active, Mild

Suppurative, Minimal

Mild

One

Four

Moderate

Note: [Necrosis] TGLS = 3-1-3, 11-1-11

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4, 9-1-9

Note: [Squam Cel Carc] TGLS = 6-1-6

Note: [Hyperplasia] TGLS = 5-1-5, 7-1-7, 8-1-8, 12-1-12

Note: [Inflammation] TGLS = 3-1-3, 10-1-10, 11-1-11

Note: [Inflammation] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 3-1-3, 10-1-10, 11-1-11

Note: [Ulcer] TGLS = 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7505

TRT#: 29

SEX: Male

DAY ON TEST: 214

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Control

Note: TGL # 7 - NCL

* Skin, Site of Application

Dermis

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, One

Inflammation

Chronic Active, Minimal

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Four

Note: [Hyperplasia] TGLS = 4-1-4

Note: [Squam Cel Carc] TGLS = 6-1-6

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5

Note: [SqClCarclnSitu] TGLS = 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7506

TRT#: 29

SEX: Male

DAY ON TEST: 228

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Two

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 17-1-17

Note: [Squam Cel Carc] TGLS = 16-1-16

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 5-1-5, 6-1-6, 10-1-10, 12-1-12, 14-1-14

Note: [SqClCarcInSitu] TGLS = 8-1-8, 13-1-13

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 7-1-7, 8-1-8, 9-1-9, 11-1-11, 15-1-15

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7507

TRT#: 29

SEX: Male

DAY ON TEST: 248

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, > Five
Chronic Active, Mild
Minimal
> Five

Note: [Inflammation] TGLS = 17-1-17

Note: [Necrosis] TGLS = 17-1-17

Note: [Hyperplasia] TGLS = 4-1-4, 6-1-6, 8-1-8, 11-1-11, 15-1-15, 16-1-16, 18-1-18

Note: [Hyperplasia] TGLS = 17-1-17

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 6-1-6, 7-1-7, 9-1-9, 10-1-10, 12-1-12, 13-1-13, 14-1-14, 16-1-16, 19-1-19

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7508

TRT#: 29

SEX: Male

DAY ON TEST: 221

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Minimal

Squam Atypical, Focal, > Five

Chronic Active, Minimal

One

> Five

Note: [SqClCarclnSitu] TGLS = 9-1-9

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4, 8-1-8, 14-1-14, 15-1-15

Note: [Sq Cl Papillom] TGLS = 2-1-2, 5-1-5, 6-1-6, 7-1-7, 10-1-10, 11-1-11, 12-1-12, 13-1-13

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7509

TRT#: 29

SEX: Male

DAY ON TEST: 234

DOSE: .5% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia
Hyperplasia
Inflammation
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, > Five
Chronic Active, Mild
Four

Note: [Sq CI Papillom] TGLS = 1-1-1, 8-1-8, 9-1-9, 10-1-10

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 11-1-11, 13-1-13

Note: [Hyperplasia] TGLS = 12-1-12, 14-1-14, 18-1-18

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7510

TRT#: 29

SEX: Male

DAY ON TEST: 236

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Papilloma

Ulcer

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Mild

Suppurative, Mild

Mild

Four

Mild

Note: [Ulcer] TGLS = 9-1-9A

Note: [Sq Cl Papillom] TGLS = 2-1-2, 3-1-3, 6-1-6

Note: [Inflammation] TGLS = 9-1-9A

Note: [Hyperplasia] TGLS = 8-1-8, 9-1-9A, 11-1-11A, 11-1-11B

Note: [Hyperplasia] TGLS = 1-1-1, 4-1-4, 5-1-5, 7-1-7, 9-1-9B, 10-1-10A, 10-1-10B

Note: [Inflammation] TGLS = 11-1-11A, 11-1-11B

Note: [Necrosis] TGLS = 8-1-8, 11-1-11A, 11-1-11B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7511

TRT#: 29

SEX: Male

DAY ON TEST: 248

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Squamous, Mild

Inflammation

Chronic Active, Moderate

Epidermis

Inflammation

Suppurative, Moderate

Epidermis

Squamous Cell Carcinoma

One

Ulcer

Moderate

Note: [Hyperplasia] TGLS = 1-1-1A, 1-1-1B, 2-1-2A, 2-1-2B

Note: [Inflammation] TGLS = 1-1-1A, 1-1-1B, 2-1-2A, 2-1-2B

Note: [Ulcer] TGLS = 1-1-1A, 1-1-1B, 2-1-2A, 2-1-2B

Note: [Squam Cel Carc] TGLS = 3-1-3

Note: [Inflammation] TGLS = 1-1-1A, 1-1-1B, 2-1-2A, 2-1-2B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7512

TRT#: 29

SEX: Male

DAY ON TEST: 214

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Necrosis

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Mild

Minimal

> Five

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 6-1-6, 8-1-8, 12-1-12, 13-1-13, 14-1-14, 15-1-15, 16-1-16, 17-1-17, 18-1-18, 19-1-19

Note: [Inflammation] TGLS = 5-1-5B

Note: [Necrosis] TGLS = 5-1-5B

Note: [Hyperplasia] TGLS = 5-1-5B

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 5-1-5A, 7-1-7, 9-1-9, 10-1-10, 11-1-11, 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7513

TRT#: 29

SEX: Male

DAY ON TEST: 248

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Carcinoma
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, > Five
Chronic Active, Mild
Minimal
One
One
> Five

Note: [Sq CI Papillom] TGLS = 2-1-2, 6-1-6, 8-1-8, 14-1-14, 15-1-15, 16-1-16

Note: [Squam Cel Carc] TGLS = 9-1-9

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5, 7-1-7, 10-1-10, 11-1-11, 13-1-13

Note: [Inflammation] TGLS = 3-1-3

Note: [SqCICarcInSitu] TGLS = 12-1-12

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3

Note: [Necrosis] TGLS = 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7514

TRT#: 29

SEX: Male

DAY ON TEST: 229

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

Squamous, Mild

Chronic Active, Minimal

One

> Five

Note: [Hyperplasia] TGLS = 4-1-4, 6-1-6, 8-1-8, 9-1-9, 11-1-11, 12-1-12, 13-1-13, 16-1-16, 17-1-17

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 7-1-7, 10-1-10, 12-1-12, 14-1-14, 15-1-15, 18-1-18, 19-1-19, 20-1-20, 21-1-21

Note: [Squam Cel Carc] TGLS = 18-1-18

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7515

TRT#: 29

SEX: Male

DAY ON TEST: 255

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Carcinoma
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Moderate
Squam Atypical, Focal, > Five
Chronic Active, Mild
Moderate
Two
One
Five

Note: [Inflammation] TGLS = 6-1-6

Note: [Necrosis] TGLS = 6-1-6

Note: [Sq CI Papillom] TGLS = 3-1-3, 5-1-5, 7-1-7

Note: [Squam Cel Carc] TGLS = 9-1-9, 10-1-10

Note: [Hyperplasia] TGLS = 6-1-6

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 6-1-6, 8-1-8, 9-1-9, 11-1-11, 12-1-12, 13-1-13

Note: [SqCICarcInSitu] TGLS = 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7516

TRT#: 29

SEX: Male

DAY ON TEST: 180

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Mild

One

> Five

Note: [Hyperplasia] TGLS = 17-1-17

Note: [Hyperplasia] TGLS = 6 -1-6, 8-1-8, 10-1-10, 12-1-12, 13-1-13, 15-1-15

Note: [Inflammation] TGLS = 17-1-17

Note: [Squam Cel Carc] TGLS = 9-1-9

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 7-1-7, 11-1-11, 13-1-13, 14-1-14, 16-1-16, 18-1-18

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7517

TRT#: 29

SEX: Male

DAY ON TEST: 131

DOSE: .5% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Squamous Cell Papilloma

One

Note: [Sq CI Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7518

TRT#: 29

SEX: Male

DAY ON TEST: 240

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Papilloma

Ulcer

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Minimal

Suppurative, Mild

Mild

> Five

Minimal

Note: [Inflammation] TGLS = 11-1-11, 13-1-13, 17-1-17, 19-1-19, 20-1-20

Note: [Ulcer] TGLS = 19-1-19, 20-1-20

Note: [Necrosis] TGLS = 11-1-11, 13-1-13, 17-1-17

Note: [Hyperplasia] TGLS = 11-1-11, 13-1-13, 14-1-14, 17-1-17, 19-1-19, 20-1-20

Note: [Inflammation] TGLS = 11-1-11, 13-1-13, 19-1-19, 20-1-20

Note: [Hyperplasia] TGLS = 1-1-1, 5-1-5, 9-1-9, 10-1-10, 12-1-12, 15-1-15, 18-1-18

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 10-1-10, 16-1-16

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7519

TRT#: 29

SEX: Male

DAY ON TEST: 255

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Epidermis

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Ulcer

Squam Atypical, Focal, > Five

Squamous, Mild

Suppurative, Mild

Chronic Active, Mild

Minimal

One

Three

Mild

Note: [Ulcer] TGLS = 12-1-12, 14-1-14

Note: [Sq CI Papillom] TGLS = 8-1-8, 10-1-10, 11-1-11

Note: [Squam Cel Carc] TGLS = 2-1-2

Note: [Inflammation] TGLS = 12-1-12, 13-1-13B, 14-1-14

Note: [Necrosis] TGLS = 13-1-13B

Note: [Hyperplasia] TGLS = 12-1-12, 13-1-13B, 14-1-14

Note: [Inflammation] TGLS = 12-1-12

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 9-1-9, 13-1-13A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7520

TRT#: 29

SEX: Male

DAY ON TEST: 241

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Papilloma

Squamous, Moderate
Squam Atypical, Focal, > Five
Chronic Active, Mild
Mild
> Five

Note: [Inflammation] TGLS = 4-1-4

Note: [Necrosis] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 6-1-6, 8-1-8, 9-1-9, 10-1-10, 12-1-12, 13-1-13, 16-1-16, 17-1-17, 18-1-18, 19-1-19, 20-1-20, 22-1-22, 26-1-26

Note: [Hyperplasia] TGLS = 4-1-4, 21-1-21

Note: [Sq CI Papillom] TGLS = 2-1-2, 5-1-5, 7-1-7, 11-1-11, 14-1-14, 15-1-15, 19-1-19

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7521

TRT#: 29

SEX: Male

DAY ON TEST: 234

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, > Five
Chronic Active, Minimal
Minimal
One
> Five

Note: [Inflammation] TGLS = 18-1-18

Note: [Necrosis] TGLS = 18-1-18

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 7-1-7, 8-1-8, 9-1-9, 17-1-17, 20-1-20

Note: [Hyperplasia] TGLS = 18-1-18

Note: [SqCICarclnSitu] TGLS = 13-1-13

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14, 15-1-15, 16-1-16, 19-1-19

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7522

TRT#: 29

SEX: Male

DAY ON TEST: 234

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia
Hyperplasia
Squamous Cell Papilloma

Squamous, Minimal
Squam Atypical, Focal, Three
> Five

Note: TGL 2 - NCL

Note: [Hyperplasia] TGLS = 1-1-1, 5-1-5, 6-1-6

Note: [Sq CI Papillom] TGLS = 3-1-3, 4-1-4, 5-1-5, 7-1-7, 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7523

TRT#: 29

SEX: Male

DAY ON TEST: 207

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Squamous, Marked

Inflammation

Chronic Active, Marked

Epidermis

Inflammation

Suppurative, Marked

Epidermis

Necrosis

Moderate

Epidermis

Squamous Cell Papilloma

Three

Ulcer

Marked

Note: [Sq CI Papillom] TGLS = 4-1-4A, 6-1-6

Note: [Necrosis] TGLS = 1-1-1, 2-1-2, 4-1-4B, 5-1-5

Note: [Ulcer] TGLS = 3-1-3A, 3-1-3B

Note: [Inflammation] TGLS = 1-1-1, 2-1-2, 3-1-3A, 3-1-3B, 4-1-4B, 5-1-5

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3A, 3-1-3B, 4-1-4B, 5-1-5

Note: TGL 7 - NCL

Note: [Inflammation] TGLS = 3-1-3A, 3-1-3B, 4-1-4B, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7524

TRT#: 29

SEX: Male

DAY ON TEST: 215

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia
Hyperplasia
Inflammation
Squamous Cell Papilloma

Squamous, Moderate
Squam Atypical, Focal, Five
Chronic Active, Minimal
Five

Note: [Hyperplasia] TGLS = 1-1-1, 6-1-6, 11-1-11, 12-1-12

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 7-1-7, 9-1-9, 10-1-10

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5, 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7525

TRT#: 29

SEX: Male

DAY ON TEST: 255

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Epidermis

Hyperplasia
Hyperplasia
Inflammation
Inflammation
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma
Ulcer

Squamous, Mild
Squam Atypical, Focal, Four
Chronic Active, Minimal
Suppurative, Minimal
One
> Five
Mild

Note: [Inflammation] TGLS = 3-1-3

Note: [Ulcer] TGLS = 3-1-3

Note: [SqClCarcInSitu] TGLS = 10-1-10

Note: [Inflammation] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 3-1-3, 5-1-5, 13-1-13, 14-1-14

Note: [Hyperplasia] TGLS = 6-1-6, 8-1-8, 11-1-11, 12-1-12

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4A, 4-1-4B, 7-1-7, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7526

TRT#: 29

SEX: Male

DAY ON TEST: 242

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307526

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 12-6C

Cyst Epithelial Inclusion

* Skin, Site of Application

Dermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Necrosis

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, Five

Chronic Active, Mild

Mild

One

Four

Note: [Inflammation] TGLS = 2-1-2

Note: [Necrosis] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 5-1-5, 7-1-7, 10-1-10

Note: [Hyperplasia] TGLS = 2-1-2

Note: [Sq CI Papillom] TGLS = 1-1-1, 6-1-6, 8-1-8, 11-1-11

Note: [SqCICarclnSitu] TGLS = 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7528

TRT#: 29

SEX: Male

DAY ON TEST: 215

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia
Hyperplasia
Inflammation
Squamous Cell Carcinoma
Squamous Cell Papilloma

Squam Atypical, Focal, > Five
Squamous, Mild
Chronic Active, Minimal
One
> Five

Note: [Squam Cel Carc] TGLS = 12-1-12

Note: [Sq Cl Papillom] TGLS = 2-1-2, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 9-1-9, 14-1-14, 15-1-15, 17-1-17

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 8-1-8, 10-1-10, 11-1-11, 13-1-13, 16-1-16A, 16-1-16B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7529

TRT#: 29

SEX: Male

DAY ON TEST: 227

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, Five

Chronic Active, Mild

One

> Five

Note: [Inflammation] TGLS = 9-1-9

Note: [Hyperplasia] TGLS = 3-1-3, 6-1-6A, 6-1-6B, 7-1-7, 8-1-8

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6A, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14

Note: [Hyperplasia] TGLS = 9-1-9

Note: [Squam Cel Carc] TGLS = 15-1-15

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7530

TRT#: 29

SEX: Male

DAY ON TEST: 235

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Basal Cell Adenoma

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

Two

> Five

Note: [Hyperplasia] TGLS = 7-1-7, 8-1-8, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14, 15-1-15, 17-1-17, 18-1-18, 19-1-19A, 19-1-19B, 21-1-21

Note: [Hyperplasia] TGLS = 20-1-20

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 9-1-9, 11-1-11, 16-1-16, 22-1-22

Note: [Squam Cel Carc] TGLS = 4-1-4, 18-1-18

Note: [Basal Cell Adenoma] TGLS = 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7531

TRT#: 29

SEX: Male

DAY ON TEST: 235

DOSE: .5% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

> Five

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 6-1-6, 8-1-8, 9-1-9, 11-1-11, 12-1-12

Note: [Sq CI Papillom] TGLS = 1-1-1, 4-1-4, 5-1-5, 7-1-7, 10-1-10

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7532

TRT#: 29

SEX: Male

DAY ON TEST: 199

DOSE: .5% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia
Squamous Cell Papilloma

Squamous, Mild
One

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4

Note: [Sq CI Papillom] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7533

TRT#: 30

SEX: Male

DAY ON TEST: 255

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307533

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7534

TRT#: 30

SEX: Male

DAY ON TEST: 236

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307534

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7535

TRT#: 30

SEX: Male

DAY ON TEST: 227

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307535

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7536

TRT#: 30

SEX: Male

DAY ON TEST: 236

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307536

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7537

TRT#: 30

SEX: Male

DAY ON TEST: 226

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307537

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7538

TRT#: 30

SEX: Male

DAY ON TEST: 236

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307538

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7539

TRT#: 30

SEX: Male

DAY ON TEST: 229

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307539

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7540

TRT#: 30

SEX: Male

DAY ON TEST: 220

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307540

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7541

TRT#: 30

SEX: Male

DAY ON TEST: 219

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307541

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7542

TRT#: 30

SEX: Male

DAY ON TEST: 206

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307542

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7543

TRT#: 30

SEX: Male

DAY ON TEST: 229

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307543

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7544

TRT#: 30

SEX: Male

DAY ON TEST: 229

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307544

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7545

TRT#: 30

SEX: Male

DAY ON TEST: 248

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307545

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7546

TRT#: 30

SEX: Male

DAY ON TEST: 248

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307546

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7547

TRT#: 30

SEX: Male

DAY ON TEST: 236

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307547

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7548

TRT#: 30

SEX: Male

DAY ON TEST: 222

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307548

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7549

TRT#: 30

SEX: Male

DAY ON TEST: 214

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307549

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7550

TRT#: 30

SEX: Male

DAY ON TEST: 222

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307550

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7551

TRT#: 30

SEX: Male

DAY ON TEST: 205

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307551

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7552

TRT#: 30

SEX: Male

DAY ON TEST: 234

DOSE: 1% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307552

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7553

TRT#: 30

SEX: Male

DAY ON TEST: 205

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307553

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7554

TRT#: 30

SEX: Male

DAY ON TEST: 205

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307554

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7555

TRT#: 30

SEX: Male

DAY ON TEST: 215

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307555

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7556

TRT#: 30

SEX: Male

DAY ON TEST: 234

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307556

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7557

TRT#: 30

SEX: Male

DAY ON TEST: 242

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307557

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7558

TRT#: 30

SEX: Male

DAY ON TEST: 242

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307558

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7559

TRT#: 30

SEX: Male

DAY ON TEST: 242

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307559

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7560

TRT#: 30

SEX: Male

DAY ON TEST: 199

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307560

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7561

TRT#: 30

SEX: Male

DAY ON TEST: 227

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307561

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7562

TRT#: 30

SEX: Male

DAY ON TEST: 198

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307562

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7563

TRT#: 30

SEX: Male

DAY ON TEST: 235

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307563

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7564

TRT#: 30

SEX: Male

DAY ON TEST: 192

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307564

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7565

TRT#: 30

SEX: Male

DAY ON TEST: 235

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307565

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7566

TRT#: 30

SEX: Male

DAY ON TEST: 215

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307566

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7567

TRT#: 30

SEX: Male

DAY ON TEST: 220

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307567

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7568

TRT#: 30

SEX: Male

DAY ON TEST: 227

DOSE: 1% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307568

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7569

TRT#: 31

SEX: Male

DAY ON TEST: 131

DOSE: 2% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307569

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7570

TRT#: 31

SEX: Male

DAY ON TEST: 236

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307570

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7571

TRT#: 31

SEX: Male

DAY ON TEST: 226

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307571

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7572

TRT#: 31

SEX: Male

DAY ON TEST: 213

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307572

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7573

TRT#: 31

SEX: Male

DAY ON TEST: 201

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307573

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7574

TRT#: 31

SEX: Male

DAY ON TEST: 164

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307574

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7575

TRT#: 31

SEX: Male

DAY ON TEST: 184

DOSE: 2% RP 6.85SSLM

DISP: Natural Death

HISTO: 021430307575

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7576

TRT#: 31

SEX: Male

DAY ON TEST: 219

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307576

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7577

TRT#: 31

SEX: Male

DAY ON TEST: 255

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307577

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7578

TRT#: 31

SEX: Male

DAY ON TEST: 122

DOSE: 2% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307578

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7579

TRT#: 31

SEX: Male

DAY ON TEST: 243

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307579

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7580

TRT#: 31

SEX: Male

DAY ON TEST: 255

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307580

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7581

TRT#: 31

SEX: Male

DAY ON TEST: 241

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307581

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7582

TRT#: 31

SEX: Male

DAY ON TEST: 241

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307582

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7583

TRT#: 31

SEX: Male

DAY ON TEST: 248

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307583

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7584

TRT#: 31

SEX: Male

DAY ON TEST: 241

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307584

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7585

TRT#: 31

SEX: Male

DAY ON TEST: 213

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307585

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7586

TRT#: 31

SEX: Male

DAY ON TEST: 248

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307586

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7587

TRT#: 31

SEX: Male

DAY ON TEST: 229

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307587

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7588

TRT#: 31

SEX: Male

DAY ON TEST: 207

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307588

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7589

TRT#: 31

SEX: Male

DAY ON TEST: 206

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307589

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7590

TRT#: 31

SEX: Male

DAY ON TEST: 234

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307590

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7591

TRT#: 31

SEX: Male

DAY ON TEST: 205

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307591

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7592

TRT#: 31

SEX: Male

DAY ON TEST: 205

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307592

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7593

TRT#: 31

SEX: Male

DAY ON TEST: 222

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307593

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7594

TRT#: 31

SEX: Male

DAY ON TEST: 234

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307594

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7595

TRT#: 31

SEX: Male

DAY ON TEST: 199

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307595

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7596

TRT#: 31

SEX: Male

DAY ON TEST: 110

DOSE: 2% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307596

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7597

TRT#: 31

SEX: Male

DAY ON TEST: 234

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307597

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7598

TRT#: 31

SEX: Male

DAY ON TEST: 234

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307598

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7599

TRT#: 31

SEX: Male

DAY ON TEST: 220

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307599

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7600

TRT#: 31

SEX: Male

DAY ON TEST: 215

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307600

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7601

TRT#: 31

SEX: Male

DAY ON TEST: 192

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307601

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7602

TRT#: 31

SEX: Male

DAY ON TEST: 168

DOSE: 2% RP 6.85SSLM

DISP: Natural Death

HISTO: 021430307602

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7603

TRT#: 31

SEX: Male

DAY ON TEST: 227

DOSE: 2% RP 6.85SSLM

DISP: Harvest

HISTO: 021430307603

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7604

TRT#: 31

SEX: Male

DAY ON TEST: 139

DOSE: 2% RP 6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307604

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7605

TRT#: 32

SEX: Male

DAY ON TEST: 250

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307605

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7606

TRT#: 32

SEX: Male

DAY ON TEST: 250

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307606

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7607

TRT#: 32

SEX: Male

DAY ON TEST: 255

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307607

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7608

TRT#: 32

SEX: Male

DAY ON TEST: 262

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307608

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7609

TRT#: 32

SEX: Male

DAY ON TEST: 250

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307609

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7610

TRT#: 32

SEX: Male

DAY ON TEST: 228

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307610

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7611

TRT#: 32

SEX: Male

DAY ON TEST: 248

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307611

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7612

TRT#: 32

SEX: Male

DAY ON TEST: 229

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307612

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7613

TRT#: 32

SEX: Male

DAY ON TEST: 206

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307613

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7614

TRT#: 32

SEX: Male

DAY ON TEST: 255

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307614

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7615

TRT#: 32

SEX: Male

DAY ON TEST: 198

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307615

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7616

TRT#: 32

SEX: Male

DAY ON TEST: 247

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307616

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7617

TRT#: 32

SEX: Male

DAY ON TEST: 248

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307617

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7618

TRT#: 32

SEX: Male

DAY ON TEST: 222

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307618

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7619

TRT#: 32

SEX: Male

DAY ON TEST: 256

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307619

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7620

TRT#: 32

SEX: Male

DAY ON TEST: 229

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307620

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7621

TRT#: 32

SEX: Male

DAY ON TEST: 222

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307621

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7622

TRT#: 32

SEX: Male

DAY ON TEST: 171

DOSE: .001% RA6.85SSLM

DISP: Moribund Sacrifice

HISTO: 021430307622

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7623

TRT#: 32

SEX: Male

DAY ON TEST: 249

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307623

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7624

TRT#: 32

SEX: Male

DAY ON TEST: 215

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307624

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7625

TRT#: 32

SEX: Male

DAY ON TEST: 249

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307625

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7626

TRT#: 32

SEX: Male

DAY ON TEST: 249

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307626

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7627

TRT#: 32

SEX: Male

DAY ON TEST: 222

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307627

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7628

TRT#: 32

SEX: Male

DAY ON TEST: 234

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307628

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7629

TRT#: 32

SEX: Male

DAY ON TEST: 242

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307629

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7630

TRT#: 32

SEX: Male

DAY ON TEST: 242

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307630

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7631

TRT#: 32

SEX: Male

DAY ON TEST: 215

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307631

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7632

TRT#: 32

SEX: Male

DAY ON TEST: 200

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307632

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7633

TRT#: 32

SEX: Male

DAY ON TEST: 198

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307633

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7634

TRT#: 32

SEX: Male

DAY ON TEST: 234

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307634

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7635

TRT#: 32

SEX: Male

DAY ON TEST: 235

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307635

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7636

TRT#: 32

SEX: Male

DAY ON TEST: 178

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307636

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7637

TRT#: 32

SEX: Male

DAY ON TEST: 170

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307637

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7638

TRT#: 32

SEX: Male

DAY ON TEST: 220

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307638

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7639

TRT#: 32

SEX: Male

DAY ON TEST: 235

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307639

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7640

TRT#: 32

SEX: Male

DAY ON TEST: 201

DOSE: .001% RA6.85SSLM

DISP: Harvest

HISTO: 021430307640

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7641

TRT#: 33

SEX: Male

DAY ON TEST: 283

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Two

Note: [Squam Cel Carc] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 2-1-2

Note: [SqClCarInSitu] TGLS = 4-1-4, 6-1-6

Note: [Hyperplasia] TGLS = 1-1-1, 5-1-5, 6-1-6, 7-1-7, 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7642

TRT#: 33

SEX: Male

DAY ON TEST: 246

DOSE: NO CREAM13.7SSLM

DISP: Natural Death

HISTO: 021430307642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion
Squamous Cell Papilloma

One

Note: [Cyst Epith Inc] TGLS = 1-1-1, 4-1-4

Note: [Sq CI Papillom] TGLS = 3-1-3

Note: TGL # 2 - NCL

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7643

TRT#: 33

SEX: Male

DAY ON TEST: 271

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Five

Hyperplasia

Squamous, Minimal

Squamous Cell Carcinoma

Three

Squamous Cell Carcinoma In Situ

One

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 5-1-5, 6-1-6

Note: [SqClCarclnSitu] TGLS = 9-1-9

Note: [Squam Cel Carc] TGLS = 4-1-4, 7-1-7, 8-1-8

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7644

TRT#: 33

SEX: Male

DAY ON TEST: 283

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squam Atypical, Focal, Three

Squamous, Mild

Chronic Active, Mild

Two

Note: [Inflammation] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 2-1-2, 5-1-5

Note: [Squam Cel Carc] TGLS = 4-1-4, 6-1-6

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7645

TRT#: 33

SEX: Male

DAY ON TEST: 271

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Control

Note: TGL 8 - NCL

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Four

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Three

Squamous Cell Papilloma

Two

Note: [Squam Cel Carc] TGLS = 5-1-5

Note: [Sq Cl Papillom] TGLS = 2-1-2, 3-1-3

Note: [Hyperplasia] TGLS = 1-1-1, 6-1-6, 7-1-7

Note: [SqClCarclnSitu] TGLS = 4-1-4A, 4-1-4B, 4-1-4C

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7646

TRT#: 33

SEX: Male

DAY ON TEST: 283

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307646

OBSERVATIONS

* Skin, Control

Dermis

Inflammation

Chronic Active, Marked

Epidermis

Inflammation

Suppurative, Moderate

Epidermis

Ulcer

Marked

Note: [Inflammation] TGLS = 5-6

Note: [Ulcer] TGLS = 5-6

Note: [Inflammation] TGLS = 5-6

* Skin, Site of Application

Cyst Epithelial Inclusion

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Two

Squamous Cell Carcinoma

Three

Note: [Cyst Epith Inc] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 1-1-1, 4-1-4

Note: [Hyperplasia] TGLS = 2-1-2

Note: [Squam Cel Carc] TGLS = 3-1-3A, 3-1-3B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7647

TRT#: 33

SEX: Male

DAY ON TEST: 284

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia	Squam Atypical, Focal, Four
Squamous Cell Carcinoma	Three
Squamous Cell Carcinoma In Situ	Three
Squamous Cell Papilloma	One

Note: [Sq CI Papillom] TGLS = 6-1-6

Note: [Squam Cel Carc] TGLS = 4-1-4, 5-1-5, 8-1-8

Note: [SqCICarcInSitu] TGLS = 1-1-1, 2-1-2, 7-1-7

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 7-1-7, 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7648

TRT#: 33

SEX: Male

DAY ON TEST: 276

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Carcinoma In Situ

Squamous, Moderate
Squam Atypical, Focal, Two
Chronic Active, Minimal
Mild
One

Note: [Inflammation] TGLS = 5-1-5

Note: [Necrosis] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 1-1-1, 4-1-4

Note: [Hyperplasia] TGLS = 2-1-2, 5-1-5

Note: [SqCICarInSitu] TGLS = 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7649

TRT#: 33

SEX: Male

DAY ON TEST: 264

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, One

Squamous Cell Carcinoma

Five

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 2-1-2

Note: [Squam Cel Carc] TGLS = 3-1-3, 4-1-4A, 4-1-4B, 5-1-5, 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7650

TRT#: 33

SEX: Male

DAY ON TEST: 264

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Epidermis

Hyperplasia

Hyperplasia

Necrosis

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Minimal

Three

Two

Two

Note: [Necrosis] TGLS = 1-1-1

Note: [Squam Cel Carc] TGLS = 4-1-4, 8-1-8, 13-1-13

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 5-1-5, 6-1-6, 10-1-10, 11-1-11, 12-1-12B

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Sq CI Papillom] TGLS = 7-1-7, 12-1-12A

Note: [SqCICarcInSitu] TGLS = 9-1-9, 11-1-11

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7651

TRT#: 33

SEX: Male

DAY ON TEST: 284

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Two

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

Two

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3

Note: [Hyperplasia] TGLS = 5-1-5, 6-1-6

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Squam Cel Carc] TGLS = 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7652

TRT#: 33

SEX: Male

DAY ON TEST: 284

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307652

OBSERVATIONS

* Skin, Control

Dermis

Cyst Epithelial Inclusion
Hyperplasia
Inflammation

Squamous, Moderate
Chronic Active, Mild

Note: [Cyst Epith Inc] TGLS = 7-6

Note: [Hyperplasia] TGLS = 7-6

Note: [Inflammation] TGLS = 7-6

* Skin, Site of Application

Hyperplasia
Hyperplasia
Squamous Cell Carcinoma
Squamous Cell Papilloma

Squamous, Minimal
Squam Atypical, Focal, Four
Two
One

Note: [Sq CI Papillom] TGLS = 6-1-6

Note: [Hyperplasia] TGLS = 2-1-2A, 2-1-2B, 3-1-3, 5-1-5

Note: [Squam Cel Carc] TGLS = 1-1-1, 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7653

TRT#: 33

SEX: Male

DAY ON TEST: 285

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion

Hyperplasia

Hyperplasia

Squamous Cell Carcinoma

Squamous, Minimal

Squam Atypical, Focal, Two

One

Note: [Hyperplasia] TGLS = 1-1-1A, 1-1-1C

Note: [Squam Cel Carc] TGLS = 1-1-1B

Note: [Cyst Epith Inc] TGLS = 1-1-1C

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7654

TRT#: 33

SEX: Male

DAY ON TEST: 269

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Hyperplasia

Squamous, Mild

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Four

Note: [SqClCarclnSitu] TGLS = 7-1-7A

Note: [Sq Cl Papillom] TGLS = 3-1-3, 5-1-5, 6-1-6, 8-1-8

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 7-1-7A, 7-1-7B, 10-1-10, 11-1-11

Note: [Hyperplasia] TGLS = 9-1-9

Note: [Squam Cel Carc] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7655

TRT#: 33

SEX: Male

DAY ON TEST: 299

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia
Squamous Cell Carcinoma

Squam Atypical, Focal, Three
One

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3

Note: [Squam Cel Carc] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7656

TRT#: 33

SEX: Male

DAY ON TEST: 269

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Two

Squamous Cell Papilloma

Four

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4

Note: TGL 1 - NCL

Note: [Hyperplasia] TGLS = 3-1-3, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7657

TRT#: 33

SEX: Male

DAY ON TEST: 285

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Four

Squamous Cell Papilloma

Four

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5

Note: [Hyperplasia] TGLS = 5-1-5, 6-1-6, 7-1-7

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7658

TRT#: 33

SEX: Male

DAY ON TEST: 277

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Three

Squamous Cell Papilloma

Two

Note: [Sq CI Papillom] TGLS = 1-1-1A, 1-1-1B

Note: [Squam Cel Carc] TGLS = 2-1-2A

Note: [SqCICarcInSitu] TGLS = 2-1-2A, 2-1-2B, 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7659

TRT#: 33

SEX: Male

DAY ON TEST: 285

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Papilloma

Two

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7660

TRT#: 33

SEX: Male

DAY ON TEST: 250

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Minimal

Squam Atypical, Focal, One

Chronic Active, Minimal

One

One

Note: [Inflammation] TGLS = 1-1-1

Note: [Sq Cl Papillom] TGLS = 4-1-4

Note: [Squam Cel Carc] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7661

TRT#: 33

SEX: Male

DAY ON TEST: 262

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma

Two

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3A, 4-1-4

Note: [Sq Cl Papillom] TGLS = 2-1-2

Note: [Squam Cel Carc] TGLS = 3-1-3B, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7662

TRT#: 33

SEX: Male

DAY ON TEST: 292

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Two

Squamous Cell Papilloma

Two

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 9-1-9

Note: [SqClCarInSitu] TGLS = 8-1-8, 10-1-10

Note: [Sq Cl Papillom] TGLS = 4-1-4, 9-1-9

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Squam Cel Carc] TGLS = 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7663

TRT#: 33

SEX: Male

DAY ON TEST: 285

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307663

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 15-6A

* Skin, Site of Application

Cyst Epithelial Inclusion

Hyperplasia

Hyperplasia

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Three

One

One

Note: [Sq CI Papillom] TGLS = 3-1-3

Note: [SqCICarcInSitu] TGLS = 7-1-7

Note: [Squam Cel Carc] TGLS = 3-1-3, 5-1-5, 8-1-8

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 10-1-10, 11-1-11, 12-1-12, 13-1-13

Note: [Hyperplasia] TGLS = 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7664

TRT#: 33

SEX: Male

DAY ON TEST: 270

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307664

OBSERVATIONS

* Skin, Control

Dermis

Inflammation

Chronic Active, Moderate

Note: [Inflammation] TGLS = 6-6D

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Five

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4, 5-1-5

Note: [Sq CI Papillom] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7665

TRT#: 33

SEX: Male

DAY ON TEST: 277

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma In Situ

One

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2A, 2-1-2B

Note: [SqCICarcInSitu] TGLS = 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7666

TRT#: 33

SEX: Male

DAY ON TEST: 243

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Squamous Cell Carcinoma

Two

Note: [Hyperplasia] TGLS = 3-1-3

Note: [Squam Cel Carc] TGLS = 1-1-1, 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7667

TRT#: 33

SEX: Male

DAY ON TEST: 255

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Five

Squamous Cell Carcinoma

Two

Note: [Squam Cel Carc] TGLS = 4-1-4, 5-1-5

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3

Note: [Hyperplasia] TGLS = 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7668

TRT#: 33

SEX: Male

DAY ON TEST: 263

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307668

OBSERVATIONS

* Skin, Control

Dermis

Abscess
Hyperplasia
Inflammation

Moderate
Squamous, Moderate
Chronic Active, Mild

Note: [Hyperplasia] TGLS = 7-6A

Note: [Inflammation] TGLS = 7-6A

Note: [Abscess] TGLS = 6-6

* Skin, Site of Application

Hyperplasia
Hyperplasia
Squamous Cell Carcinoma
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, Two
Two
One

Note: [Sq CI Papillom] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Squam Cel Carc] TGLS = 4-1-4, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7669

TRT#: 33

SEX: Male

DAY ON TEST: 269

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

One

Note: [SqClCarcInSitu] TGLS = 7-1-7

Note: [Squam Cel Carc] TGLS = 9-1-9

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 8-1-8, 10-1-10

Note: [Hyperplasia] TGLS = 2-1-2, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7670

TRT#: 33

SEX: Male

DAY ON TEST: 299

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Four

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 6-1-6

Note: [Sq CI Papillom] TGLS = 1-1-1

Note: [Squam Cel Carc] TGLS = 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7671

TRT#: 33

SEX: Male

DAY ON TEST: 292

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

Three

Four

Note: [Inflammation] TGLS = 1-1-1

Note: [Squam Cel Carc] TGLS = 4-1-4, 5-1-5, 6-1-6

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 5-1-5, 8-1-8, 10-1-10

Note: [SqCICarcInSitu] TGLS = 2-1-2, 7-1-7, 9-1-9, 10-1-10

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7672

TRT#: 33

SEX: Male

DAY ON TEST: 327

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3

Note: [Sq CI Papillom] TGLS = 5-1-5

Note: [Squam Cel Carc] TGLS = 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7673

TRT#: 33

SEX: Male

DAY ON TEST: 292

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

One

Note: [Sq CI Papillom] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5, 6-1-6, 7-1-7

Note: [Squam Cel Carc] TGLS = 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7674

TRT#: 33

SEX: Male

DAY ON TEST: 278

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307674

OBSERVATIONS

* Skin, Control

Cyst Epithelial Inclusion
Inflammation

Suppurative, Marked

Note: [Inflammation] TGLS = 12-6

Note: [Cyst Epith Inc] TGLS = 12-6

* Skin, Site of Application

Hyperplasia
Hyperplasia
Squamous Cell Carcinoma
Squamous Cell Papilloma

Squamous, Minimal
Squam Atypical, Focal, > Five
Two
Three

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 6-1-6, 9-1-9, 11-1-11

Note: [Sq CI Papillom] TGLS = 7-1-7, 10-1-10

Note: [Squam Cel Carc] TGLS = 4-1-4, 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7675

TRT#: 33

SEX: Male

DAY ON TEST: 262

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307675

OBSERVATIONS

* Skin, Control

Abscess
Hyperplasia

Marked
Squamous, Mild

Note: [Abscess] TGLS = 13-6

Note: [Hyperplasia] TGLS = 14-6A

* Skin, Site of Application

Hyperplasia
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squam Atypical, Focal, > Five
One
> Five

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 9-1-9, 10-1-10

Note: [Sq CI Papillom] TGLS = 4-1-4, 7-1-7, 8-1-8, 9-1-9, 12-1-12

Note: [SqCICarInSitu] TGLS = 11-1-11

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7676

TRT#: 33

SEX: Male

DAY ON TEST: 339

DOSE: NO CREAM13.7SSLM

DISP: Harvest

HISTO: 021430307676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Papilloma

Ulcer

Squamous, Mild

Squam Atypical, Focal, One

Chronic Active, Moderate

Suppurative, Moderate

Mild

One

Marked

Note: [Inflammation] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 7-1-7, 8-1-8, 9-1-9

Note: [Necrosis] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 7-1-7, 8-1-8, 9-1-9

Note: [Ulcer] TGLS = 2-1-2, 3-1-3, 4-1-4, 7-1-7, 8-1-8, 9-1-9

Note: [Inflammation] TGLS = 1-1-1, 2-1-2, 3-1-3, 7-1-7, 8-1-8, 9-1-9

Note: [Hyperplasia] TGLS = 6-1-6

Note: [Sq CI Papillom] TGLS = 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7677

TRT#: 34

SEX: Male

DAY ON TEST: 226

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307677

OBSERVATIONS

* Skin, Control

Note: [Abscess] TGLS = 23-6

Abscess

Marked

* Skin, Site of Application

Dermis

Cyst Epithelial Inclusion

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Mild

> Five

Note: [Cyst Epith Inc] TGLS = 22-1-22

Note: [Inflammation] TGLS = 4-1-4, 18-1-18

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 11-1-11, 12-1-12A, 12-1-12B, 13-1-13, 20-1-20

Note: [Hyperplasia] TGLS = 1-1-1, 13-1-13, 14-1-14, 15-1-15A, 15-1-15B, 15-1-15C, 16-1-16A, 16-1-16B, 17-1-17, 19-1-19, 21-1-21

Note: [Hyperplasia] TGLS = 4-1-4, 18-1-18

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7678

TRT#: 34

SEX: Male

DAY ON TEST: 234

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Five

Squamous Cell Carcinoma

Three

Squamous Cell Carcinoma In Situ

One

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5A, 5-1-5C

Note: [SqClCarclnSitu] TGLS = 6-1-6

Note: [Squam Cel Carc] TGLS = 4-1-4, 5-1-5B, 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7679

TRT#: 34

SEX: Male

DAY ON TEST: 250

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

Three

One

Two

Note: [Squam Cel Carc] TGLS = 8-1-8, 9-1-9, 11-1-11

Note: TGL 4 - NCL

Note: [Sq Cl Papillom] TGLS = 1-1-1, 10-1-10

Note: [SqClCarcInSitu] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 6-1-6, 7-1-7, 10-1-10, 12-1-12A, 12-1-12B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7680

TRT#: 34

SEX: Male

DAY ON TEST: 271

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Hyperplasia

Squamous, Minimal

Squamous Cell Carcinoma

One

Note: [Squam Cel Carc] TGLS = 7-1-7

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 8-1-8, 9-1-9, 10-1-10, 11-1-11, 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7681

TRT#: 34

SEX: Male

DAY ON TEST: 271

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

One

> Five

Note: [Hyperplasia] TGLS = 4-1-4, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10

Note: [SqClCarclnSitu] TGLS = 10-1-10

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 9-1-9, 11-1-11

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7682

TRT#: 34

SEX: Male

DAY ON TEST: 250

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307682

OBSERVATIONS

* Skin, Control

Note: [Sq CI Papillom] TGLS = 13-6C

Squamous Cell Papilloma

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma

Three

Squamous Cell Carcinoma In Situ

> Five

Squamous Cell Papilloma

Three

Note: [Hyperplasia] TGLS = 4-1-4, 10-1-10, 12-1-12

Note: [SqCICarcInSitu] TGLS = 6-1-6A, 6-1-6B, 7-1-7A, 7-1-7B, 8-1-8B, 9-1-9, 11-1-11

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 14-1-14

Note: [Squam Cel Carc] TGLS = 1-1-1, 5-1-5, 8-1-8A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7683

TRT#: 34

SEX: Male

DAY ON TEST: 255

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

> Five

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4, 8-1-8, 10-1-10, 11-1-11, 12-1-12

Note: [Squam Cel Carc] TGLS = 7-1-7

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 5-1-5, 6-1-6, 8-1-8, 9-1-9, 12-1-12, 13-1-13, 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7684

TRT#: 34

SEX: Male

DAY ON TEST: 243

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Mild

Suppurative, Minimal

Mild

One

Note: [Inflammation] TGLS = 4-1-4

Note: [Necrosis] TGLS = 4-1-4, 7-1-7

Note: [Hyperplasia] TGLS = 2-1-2, 5-1-5, 6-1-6, 8-1-8A, 8-1-8B

Note: [Inflammation] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 4-1-4, 7-1-7

Note: [Sq CI Papillom] TGLS = 1-1-1

Note: TGL # 3 - NCL

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7685

TRT#: 34

SEX: Male

DAY ON TEST: 276

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Minimal

Squam Atypical, Focal, > Five

Chronic Active, Minimal

One

One

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3A, 3-1-3B, 4-1-4A, 4-1-4B, 5-1-5

Note: [Sq CI Papillom] TGLS = 1-1-1

Note: [SqCICarclnSitu] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7686

TRT#: 34

SEX: Male

DAY ON TEST: 254

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307686

OBSERVATIONS

* Skin, Control

Dermis

Inflammation

Chronic Active, Marked

Epidermis

Inflammation

Suppurative, Marked

Epidermis

Ulcer

Marked

Note: [Inflammation] TGLS = 21-6A

Note: [Ulcer] TGLS = 21-6A

Note: [Inflammation] TGLS = 21-6A

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

Two

Squamous Cell Carcinoma In Situ

Three

Squamous Cell Papilloma

> Five

Note: [SqCICarcInSitu] TGLS = 11-1-11, 16-1-16A, 16-1-16B

Note: [Hyperplasia] TGLS = 2-1-2, 7-1-7

Note: Wet tissue requested for TGL # 1 on 1-1A

Note: [Hyperplasia] TGLS = 5-1-5, 11-1-11, 12-1-12, 14-1-14B, 16-1-16A, 18-1-18, 19-1-19

Note: [Squam Cel Carc] TGLS = 14-1-14A, 17-1-17

Note: [Sq CI Papillom] TGLS = 1-1-1A, 3-1-3, 4-1-4, 6-1-6, 8-1-8, 9-1-9, 10-1-10, 11-1-11, 13-1-13, 15-1-15, 24-1-24

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7687

TRT#: 34

SEX: Male

DAY ON TEST: 198

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Squamous, Marked

Hyperplasia

Squam Atypical, Focal, > Five

Inflammation

Chronic Active, Mild

Keratin Cyst

Epidermis

Necrosis

Mild

Squamous Cell Papilloma

> Five

Note: [Necrosis] TGLS = 8-1-8, 13-1-13, 15-1-15, 22-1-22

Note: [Hyperplasia] TGLS = 6-1-6, 8-1-8, 11-1-11, 12-1-12, 13-1-13, 15-1-15, 17-1-17, 22-1-22

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4, 7-1-7, 10-1-10, 16-1-16, 18-1-18, 19-1-19

Note: [Keratin Cyst] TGLS = 19-1-19

Note: [Hyperplasia] TGLS = 3-1-3, 5-1-5, 9-1-9, 14-1-14, 16-1-16, 20-1-20

Note: [Inflammation] TGLS = 6-1-6, 8-1-8, 11-1-11, 12-1-12, 13-1-13, 15-1-15, 17-1-17, 22-1-22

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7688

TRT#: 34

SEX: Male

DAY ON TEST: 237

DOSE: PH 7.0 13.7SSLM

DISP: Moribund Sacrifice

HISTO: 021430307688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4

Note: TGL 1 - NCL

Hyperplasia

Squam Atypical, Focal, Three

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7689

TRT#: 34

SEX: Male

DAY ON TEST: 241

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307689

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 5-6

Cyst Epithelial Inclusion

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma

Three

Squamous Cell Carcinoma In Situ

One

Epidermis

Ulcer

Mild

Note: [Ulcer] TGLS = 1-1-1

Note: [SqClCarclnSitu] TGLS = 2-1-2

Note: [Squam Cel Carc] TGLS = 4-1-4A, 4-1-4B, 4-1-4D

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4C, 4-1-4E

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7690

TRT#: 34

SEX: Male

DAY ON TEST: 241

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Carcinoma
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Marked
Squam Atypical, Focal, > Five
Chronic Active, Marked
Mild
Three
Four
Five

Note: [SqClCarclnSitu] TGLS = 2-1-2, 5-1-5

Note: [Inflammation] TGLS = 12-1-12

Note: [Necrosis] TGLS = 12-1-12

Note: [Hyperplasia] TGLS = 12-1-12

Note: [Sq Cl Papillom] TGLS = 1-1-1, 6-1-6, 14-1-14, 15-1-15

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 9-1-9, 10-1-10, 11-1-11, 13-1-13, 14-1-14

Note: [Squam Cel Carc] TGLS = 5-1-5, 8-1-8, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7691

TRT#: 34

SEX: Male

DAY ON TEST: 2

DOSE: PH 7.0 13.7SSLM

DISP: Moribund Sacrifice

HISTO: 021430307691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7692

TRT#: 34

SEX: Male

DAY ON TEST: 257

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Sebaceous GI

Hyperplasia

Squam Atypical, Focal, > Five

Hyperplasia

Mild

Hyperplasia

Squamous, Mild

Squamous Cell Carcinoma

Five

Squamous Cell Carcinoma In Situ

Five

Squamous Cell Papilloma

Four

Note: [Squam Cel Carc] TGLS = 6-1-6, 10-1-10, 15-1-15, 18-1-18, 23-1-23

Note: [SqClCarcInSitu] TGLS = 5-1-5, 7-1-7, 8-1-8, 12-1-12, 18-1-18

Note: [Sq Cl Papillom] TGLS = 1-1-1, 11-1-11, 19-1-19, 21-1-21

Note: [Hyperplasia] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 24-1-24

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 9-1-9, 13-1-13, 14-1-14, 16-1-16, 17-1-17, 20-1-20, 21-1-21, 22-1-22

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7693

TRT#: 34

SEX: Male

DAY ON TEST: 277

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Hyperplasia

Squamous, Mild

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

Two

Note: [Squam Cel Carc] TGLS = 6-1-6

Note: [Hyperplasia] TGLS = 9-1-9

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 7-1-7, 8-1-8, 10-1-10, 12-1-12

Note: [Sq Cl Papillom] TGLS = 5-1-5, 11-1-11

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7694

TRT#: 34

SEX: Male

DAY ON TEST: 257

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307694

OBSERVATIONS

* Skin, Control

Epidermis

Inflammation

Suppurative, Moderate

Epidermis

Ulcer

Moderate

Note: [Ulcer] TGLS = 18-6

Note: [Inflammation] TGLS = 18-6

* Skin, Site of Application

Epidermis

Hyperplasia

Squam Atypical, Focal, > Five

Hyperplasia

Squamous, Mild

Inflammation

Suppurative, Minimal

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Four

Epidermis

Ulcer

Minimal

Note: [SqClCarcInSitu] TGLS = 9-1-9B

Note: [Sq Cl Papillom] TGLS = 3-1-3, 7-1-7, 10-1-10, 15-1-15

Note: [Squam Cel Carc] TGLS = 8-1-8

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 5-1-5, 6-1-6, 9-1-9A, 11-1-11, 12-1-2A, 12-1-12B, 13-1-13A, 13-1-13B, 14-1-14, 16-1-16, 17-1-17

Note: [Inflammation] TGLS = 1-1-1

Note: [Ulcer] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7695

TRT#: 34

SEX: Male

DAY ON TEST: 192

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma In Situ

One

Note: [SqCICarcInSitu] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4

Note: [Hyperplasia] TGLS = 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7696

TRT#: 34

SEX: Male

DAY ON TEST: 240

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Three

Note: [Hyperplasia] TGLS = 3-1-3, 5-1-5A, 5-1-5B, 6-1-6, 7-1-7, 8-1-8

Note: [Squam Cel Carc] TGLS = 10-1-10

Note: [SqClCarInSitu] TGLS = 2-1-2

Note: [Sq Cl Papillom] TGLS = 1-1-1, 4-1-4, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7697

TRT#: 34

SEX: Male

DAY ON TEST: 199

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Four

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 25-1-25, 26-1-26, 27-1-27, 28-1-28

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5, 6-1-6, 14-1-14, 18-1-18, 19-1-19, 20-1-20, 22-1-22

Note: [Hyperplasia] TGLS = 8-1-8, 24-1-24

Note: [Squam Cel Carc] TGLS = 21-1-21A

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 15-1-15, 17-1-17, 21-1-21B, 22-1-22, 23-1-23

Note: [SqClCarclnSitu] TGLS = 9-1-9, 14-1-14, 16-1-16, 21-1-21A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7698

TRT#: 34

SEX: Male

DAY ON TEST: 262

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

Two

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Two

Note: [Sq CI Papillom] TGLS = 1-1-1, 5-1-5

Note: [Squam Cel Carc] TGLS = 4-1-4, 8-1-8

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 6-1-6, 7-1-7, 9-1-9, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14

Note: [SqCICarcInSitu] TGLS = 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7699

TRT#: 34

SEX: Male

DAY ON TEST: 192

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Three

Keratoacanthoma

One

Squamous Cell Carcinoma

One

Note: [Keratoacanthma] TGLS = 1-1-1

Note: [Squam Cel Carc] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4

Note: [Hyperplasia] TGLS = 3-1-3, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7700

TRT#: 34

SEX: Male

DAY ON TEST: 270

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Two

Squamous Cell Papilloma

Two

Note: [SqClCarcInSitu] TGLS = 9-1-9, 11-1-11

Note: [Sq Cl Papillom] TGLS = 1-1-1, 11-1-11

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 8-1-8, 9-1-9, 10-1-10, 12-1-12, 13-1-13

Note: [Squam Cel Carc] TGLS = 7-1-7

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7701

TRT#: 34

SEX: Male

DAY ON TEST: 173

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Necrosis

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, Three

Chronic Active, Mild

Mild

One

One

Note: [Inflammation] TGLS = 5-1-5

Note: [Necrosis] TGLS = 5-1-5

Note: [SqCICarcInSitu] TGLS = 2-1-2

Note: [Sq CI Papillom] TGLS = 6-1-6

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4

Note: [Hyperplasia] TGLS = 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7702

TRT#: 34

SEX: Male

DAY ON TEST: 243

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Control

Note: TGL 5 - NCL

* Skin, Site of Application

Cyst Epithelial Inclusion

Hyperplasia

Squamous Cell Papilloma

Squamous, Mild

Two

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3

Note: [Hyperplasia] TGLS = 4-1-4

Note: [Cyst Epith Inc] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7703

TRT#: 34

SEX: Male

DAY ON TEST: 243

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Ulcer

Squamous, Marked

Squam Atypical, Focal, > Five

Chronic Active, Moderate

Suppurative, Mild

Minimal

Three

Three

Mild

Note: [Inflammation] TGLS = 6-1-6, 8-1-8

Note: [Ulcer] TGLS = 8-1-8

Note: [Necrosis] TGLS = 6-1-6

Note: [Sq Cl Papillom] TGLS = 4-1-4, 5-1-5

Note: [Squam Cel Carc] TGLS = 11-1-11, 13-1-13, 14-1-14

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 7-1-7, 9-1-9, 10-1-10, 12-1-12, 15-1-15

Note: [Inflammation] TGLS = 8-1-8

Note: [Hyperplasia] TGLS = 6-1-6, 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7704

TRT#: 34

SEX: Male

DAY ON TEST: 222

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Three

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 10-1-10B, 11-1-11A, 11-1-11B, 11-1-11C, 15-1-15A, 15-1-15B

Note: [SqClCarclnSitu] TGLS = 10-1-10A, 12-1-12

Note: [Sq Cl Papillom] TGLS = 3-1-3, 4-1-4, 9-1-9, 12-1-12, 13-1-13, 14-1-14

Note: [Squam Cel Carc] TGLS = 10-1-10C

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7705

TRT#: 34

SEX: Male

DAY ON TEST: 178

DOSE: PH 7.0 13.7SSLM

DISP: Moribund Sacrifice

HISTO: 021430307705

OBSERVATIONS

* Skin, Control

Abscess

Marked

Note: [Abscess] TGLS = 4-6B

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7706

TRT#: 34

SEX: Male

DAY ON TEST: 206

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Cyst Epithelial Inclusion
Hyperplasia
Hyperplasia
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, > Five
Five

Note: [Cyst Epith Inc] TGLS = 6-1-6

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 9-1-9

Note: [Hyperplasia] TGLS = 5-1-5, 7-1-7A, 7-1-7B, 8-1-8

Note: [Hyperplasia] TGLS = 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7707

TRT#: 34

SEX: Male

DAY ON TEST: 220

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

> Five

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 9-1-9

Note: [SqCICarInSitu] TGLS = 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7708

TRT#: 34

SEX: Male

DAY ON TEST: 236

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307708

OBSERVATIONS

* Skin, Control

Dermis

Cyst Epithelial Inclusion
Inflammation

Chronic Active, Moderate

Note: [Inflammation] TGLS = 11-6B

Note: [Cyst Epith Inc] TGLS = 11-6B

* Skin, Site of Application

Hyperplasia
Hyperplasia
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Minimal
Squam Atypical, Focal, Five
One
Two

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 6-1-6, 7-1-7, 8-1-8

Note: [SqCICarInSitu] TGLS = 4-1-4

Note: [Sq CI Papillom] TGLS = 1-1-1, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7709

TRT#: 34

SEX: Male

DAY ON TEST: 191

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

Two

Squamous Cell Papilloma

> Five

Note: [Sq CI Papillom] TGLS = 3-1-3, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 11-1-11, 12-1-12, 13-1-13

Note: [SqCICarclnSitu] TGLS = 2-1-2, 11-1-11

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4, 5-1-5, 10-1-10

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7710

TRT#: 34

SEX: Male

DAY ON TEST: 199

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

Four

Squamous Cell Papilloma

Two

Note: [Sq CI Papillom] TGLS = 2-1-2, 9-1-9

Note: [SqCICarclnSitu] TGLS = 4-1-4, 5-1-5, 7-1-7, 8-1-8

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 5-1-5, 6-1-6, 10-1-10A, 10-1-10B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7711

TRT#: 34

SEX: Male

DAY ON TEST: 241

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Papilloma

Squamous, Minimal

Squam Atypical, Focal, > Five

Chronic Active, Minimal

> Five

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 10-1-10A, 10-1-10B, 10-1-10C, 11-1-11

Note: [Sq CI Papillom] TGLS = 1-1-1, 3-1-3, 5-1-5, 9-1-9, 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7712

TRT#: 34

SEX: Male

DAY ON TEST: 220

DOSE: PH 7.0 13.7SSLM

DISP: Harvest

HISTO: 021430307712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Two

Squamous Cell Papilloma

Two

Note: [SqClCarcInSitu] TGLS = 11-1-11, 12-1-12

Note: [Sq Cl Papillom] TGLS = 5-1-5, 8-1-8

Note: [Squam Cel Carc] TGLS = 10-1-10

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5A, 6-1-6, 7-1-7, 9-1-9, 11-1-11, 12-1-12, 13-1-13, 14-1-14

Note: Wet tissue requested for TGL # 5 on slide 1-5A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7713

TRT#: 35

SEX: Male

DAY ON TEST: 205

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307713

OBSERVATIONS

* Skin, Control

Dermis

Inflammation
Ulcer

Chronic Active, Marked
Marked

Note: [Ulcer] TGLS = 13-6C

Note: [Inflammation] TGLS = 13-6C

* Skin, Site of Application

Dermis

Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Carcinoma
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, > Five
Chronic Active, Minimal
Minimal
One
Two
Three

Note: [Inflammation] TGLS = 2-1-2, 3-1-3

Note: [Necrosis] TGLS = 2-1-2, 3-1-3

Note: [Squam Cel Carc] TGLS = 8-1-8

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5, 7-1-7, 9-1-9, 10-1-10, 11-1-11, 12-1-12

Note: [SqClCarclnSitu] TGLS = 7-1-7, 9-1-9

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3

Note: [Sq Cl Papillom] TGLS = 1-1-1, 5-1-5, 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7714

TRT#: 35

SEX: Male

DAY ON TEST: 213

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Necrosis

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Mild

Minimal

Two

Two

Four

Note: [Inflammation] TGLS = 6-1-6

Note: [Necrosis] TGLS = 6-1-6

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 5-1-5

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 8-1-8, 9-1-9A, 10-1-10, 11-1-11B, 11-1-11C

Note: [SqCICarcInSitu] TGLS = 9-1-9B, 11-1-11A

Note: [Squam Cel Carc] TGLS = 7-1-7, 12-1-12

Note: [Hyperplasia] TGLS = 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7715

TRT#: 35

SEX: Male

DAY ON TEST: 223

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Epidermis

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Ulcer

Squamous, Marked

Squam Atypical, Focal, > Five

Suppurative, Moderate

Chronic Active, Mild

Mild

Two

> Five

Mild

Note: [Inflammation] TGLS = 5-1-5, 7-1-7A, 8-1-8, 11-1-11B, 13-1-13A

Note: [Ulcer] TGLS = 5-1-5, 7-1-7A, 8-1-8

Note: [Necrosis] TGLS = 7-1-7A, 11-1-11B, 13-1-13A

Note: [Squam Cel Carc] TGLS = 7-1-7B, 10-1-10A

Note: [Hyperplasia] TGLS = 4-1-4, 6-1-6, 9-1-9, 10-1-10B, 10-1-10C, 11-1-11A, 12-1-12, 13-1-13B

Note: [Hyperplasia] TGLS = 5-1-5, 7-1-7A, 8-1-8, 11-1-11B, 13-1-13A

Note: [Inflammation] TGLS = 5-1-5, 7-1-7A, 8-1-8, 10-1-10A, 10-1-10C, 12-1-12

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7716

TRT#: 35

SEX: Male

DAY ON TEST: 205

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Hyperplasia

Squamous, Minimal

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

> Five

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 10-1-10, 14-1-14, 15-1-15

Note: [Hyperplasia] TGLS = 3-1-3, 5-1-5, 7-1-7, 8-1-8, 9-1-9A, 9-1-9B, 11-1-11, 12-1-12, 13-1-13, 14-1-14, 15-1-15, 16-1-16B, 17-1-17

Note: [Squam Cel Carc] TGLS = 16-1-16A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7717

TRT#: 35

SEX: Male

DAY ON TEST: 192

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307717

OBSERVATIONS

* Skin, Control

Dermis
Epidermis

Hyperplasia
Inflammation
Ulcer

Squamous, Moderate
Chronic Active, Moderate
Marked

Note: [Hyperplasia] TGLS = 21-6E, 22-6F, 23-6G

Note: [Ulcer] TGLS = 20-6D, 22-6F, 23-6G

Note: [Inflammation] TGLS = 20-6D, 21-6E, 22-6F, 23-6G

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Keratoacanthoma
Necrosis
Squamous Cell Papilloma

Squamous, Marked
Squam Atypical, Focal, > Five
Chronic Active, Mild
One
Moderate
Four

Note: [Keratoacanthoma] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 3-1-3, 6-1-6, 7-1-7, 9-1-9, 10-1-10, 11-1-11, 12-1-12, 13-1-13A, 13-1-13B, 14-1-14A, 14-1-14B, 14-1-14C, 16-1-16, 17-1-17A, 18-1-18

Note: [Sq Cl Papillom] TGLS = 2-1-2, 4-1-4, 5-1-5, 15-1-15

Note: [Necrosis] TGLS = 9-1-9, 13-1-13C, 17-1-17B

Note: [Inflammation] TGLS = 13-1-13C, 17-1-17B

Note: [Hyperplasia] TGLS = 8-1-8, 13-1-13C, 17-1-17B, 19-1-19

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7718

TRT#: 35

SEX: Male

DAY ON TEST: 192

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

Five

Note: [Squam Cel Carc] TGLS = 14-1-14

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5A, 5-1-5B, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 12-1-12

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Sq Cl Papillom] TGLS = 5-1-5A, 11-1-11, 13-1-13, 15-1-15, 16-1-16

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7719

TRT#: 35

SEX: Male

DAY ON TEST: 236

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

Two

One

> Five

Note: [SqClCarclnSitu] TGLS = 11-1-11

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 11-1-11

Note: [Squam Cel Carc] TGLS = 6-1-6, 9-1-9B

Note: [Hyperplasia] TGLS = 5-1-5, 7-1-7A, 7-1-7B, 7-1-7C, 8-1-8, 9-1-9A, 11-1-11

Note: [Hyperplasia] TGLS = 10-1-10

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7720

TRT#: 35

SEX: Male

DAY ON TEST: 221

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307720

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 7-6D

Cyst Epithelial Inclusion

* Skin, Site of Application

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

Two

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

> Five

Note: [Sq CI Papillom] TGLS = 4-1-4, 6-1-6, 8-1-8, 10-1-10, 11-1-11, 12-1-12, 14-1-14

Note: [Squam Cel Carc] TGLS = 1-1-1, 3-1-3

Note: [Hyperplasia] TGLS = 2-1-2, 5-1-5, 11-1-11, 12-1-12, 13-1-13, 14-1-14

Note: [Hyperplasia] TGLS = 9-1-9

Note: [SqCICarcInSitu] TGLS = 15-1-15

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7721

TRT#: 35

SEX: Male

DAY ON TEST: 216

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

One

> Five

Note: [Hyperplasia] TGLS = 16-1-16A, 16-1-16B

Note: [SqClCarInSitu] TGLS = 6-1-6A

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 5-1-5A, 5-1-5B, 6-1-6B, 6-1-6C, 8-1-8A, 8-1-8B, 9-1-9, 10-1-10, 11-1-11A, 11-1-11B, 12-1-12, 13-1-13, 15-1-15

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4, 7-1-7, 8-1-8A, 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7722

TRT#: 35

SEX: Male

DAY ON TEST: 221

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squam Atypical, Focal, Four
	Hyperplasia	Squamous, Moderate
Dermis	Inflammation	Chronic Active, Marked
Epidermis	Inflammation	Suppurative, Moderate
Epidermis	Necrosis	Mild
	Squamous Cell Carcinoma	Two
	Squamous Cell Papilloma	One
Epidermis	Ulcer	Marked

Note: [Necrosis] TGLS = 4-1-4C

Note: [Sq CI Papillom] TGLS = 6-1-6

Note: [Hyperplasia] TGLS = 2-1-2A, 2-1-2B, 4-1-4C, 7-1-7

Note: [Inflammation] TGLS = 2-1-2A, 2-1-2B

Note: [Ulcer] TGLS = 2-1-2A, 2-1-2B

Note: [Inflammation] TGLS = 2-1-2A, 2-1-2B, 4-1-4C

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3B, 4-1-4A, 4-1-4B

Note: [Squam Cel Carc] TGLS = 3-1-3A, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7723

TRT#: 35

SEX: Male

DAY ON TEST: 216

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squam Atypical, Focal, Five

Squamous, Mild

Chronic Active, Minimal

One

> Five

Note: [Inflammation] TGLS = 13-1-13

Note: [SqClCarInSitu] TGLS = 10-1-10

Note: [Hyperplasia] TGLS = 1-1-1, 8-1-8, 12-1-12A, 12-1-12B, 17-1-17

Note: [Sq Cl Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 9-1-9, 11-1-11, 14-1-14, 15-1-15, 16-1-16, 17-1-17

Note: [Hyperplasia] TGLS = 13-1-13

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7724

TRT#: 35

SEX: Male

DAY ON TEST: 185

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307724

OBSERVATIONS

* Skin, Control

Note: [Abscess] TGLS = 1-6E

* Skin, Site of Application

Note: [Squam Cel Carc] TGLS = 7-1-7

Note: [Hyperplasia] TGLS = 6-1-6, 8-1-8, 10-1-10

Note: [Sq Cl Papillom] TGLS = 3-1-3, 4-1-4, 5-1-5, 9-1-9

Note: [Hyperplasia] TGLS = 2-1-2, 11-1-11

Abscess

Marked

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

Four

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7725

TRT#: 35

SEX: Male

DAY ON TEST: 187

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Marked

Squam Atypical, Focal, > Five

Chronic Active, Mild

Three

Five

Note: [Inflammation] TGLS = 1-1-1, 3-1-3, 7-1-7

Note: [Sq CI Papillom] TGLS = 5-1-5, 6-1-6, 9-1-9, 11-1-11, 13-1-13

Note: [SqCICarInSitu] TGLS = 10-1-10, 12-1-12A, 17-1-17

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 7-1-7

Note: Wet tissue requested for TGL # 16 on slide 1-16A

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 8-1-8, 12-1-12B, 12-1-12C, 14-1-14A, 14-1-14B, 15-1-15, 16-1-16A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7726

TRT#: 35

SEX: Male

DAY ON TEST: 220

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

> Five

Note: [SqClCarcInSitu] TGLS = 13-1-13

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 12-1-12, 15-1-15, 17-1-17, 19-1-19A, 19-1-19B

Note: [Sq Cl Papillom] TGLS = 2-1-2, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 11-1-11, 14-1-14, 16-1-16, 18-1-18

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7727

TRT#: 35

SEX: Male

DAY ON TEST: 214

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Ulcer

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Moderate

Suppurative, Marked

Two

Two

Marked

Note: [Hyperplasia] TGLS = 3-1-3B, 4-1-4A, 4-1-4B, 5-1-5A, 5-1-5B, 7-1-7

Note: [Sq Cl Papillom] TGLS = 2-1-2, 8-1-8

Note: [Inflammation] TGLS = 3-1-3A

Note: [Ulcer] TGLS = 3-1-3A

Note: [Inflammation] TGLS = 3-1-3A

Note: [Squam Cel Carc] TGLS = 1-1-1, 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7728

TRT#: 35

SEX: Male

DAY ON TEST: 187

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307728

OBSERVATIONS

* Skin, Control

Dermis

Inflammation

Chronic Active, Moderate

Note: [Inflammation] TGLS = 21-6A

* Skin, Site of Application

Hyperplasia

Squamous, Marked

Hyperplasia

Squam Atypical, Focal, > Five

Dermis

Inflammation

Chronic Active, Mild

Epidermis

Necrosis

Mild

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Five

Epidermis

Ulcer

Mild

Note: [Ulcer] TGLS = 14-1-14

Note: [Necrosis] TGLS = 17-1-17A

Note: [SqCICarcInSitu] TGLS = 19-1-19

Note: [Inflammation] TGLS = 14-1-14, 16-1-16, 17-1-17A

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4B, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 12-1-12, 13-1-13, 15-1-15, 18-1-18

Note: [Hyperplasia] TGLS = 14-1-14, 16-1-16, 17-1-17A

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4A, 11-1-11, 17-1-17

Note: Wet tissue requested for TGL # 17 on slide 1-17A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7729

TRT#: 35

SEX: Male

DAY ON TEST: 150

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307729

OBSERVATIONS

* Skin, Control

Epidermis

Inflammation

Suppurative, Marked

Ulcer

Marked

Note: [Inflammation] TGLS = 16-6F

Note: [Ulcer] TGLS = 16-6F

* Skin, Site of Application

Dermis

Hyperplasia

Squamous, Marked

Hyperplasia

Squam Atypical, Focal, Three

Inflammation

Chronic Active, Mild

Epidermis

Inflammation

Suppurative, Minimal

Epidermis

Necrosis

Mild

Squamous Cell Carcinoma In Situ

Two

Squamous Cell Papilloma

> Five

Note: [Necrosis] TGLS = 1-1-1, 10-1-10, 12-1-12

Note: [Hyperplasia] TGLS = 1-1-1, 7-1-7, 11-1-11

Note: [SqClCarclnSitu] TGLS = 3-1-3, 14-1-14

Note: [Sq Cl Papillom] TGLS = 4-1-4, 5-1-5, 6-1-6, 8-1-8, 9-1-9, 13-1-13, 15-1-15

Note: [Inflammation] TGLS = 2-1-2, 10-1-10, 12-1-12

Note: [Inflammation] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 2-1-2, 10-1-10, 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7730

TRT#: 35

SEX: Male

DAY ON TEST: 214

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squam Atypical, Focal, > Five
	Hyperplasia	Squamous, Mild
Dermis	Inflammation	Chronic Active, Moderate
Epidermis	Necrosis	Mild
	Squamous Cell Papilloma	Four
Epidermis	Ulcer	Marked

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 5-1-5

Note: [Hyperplasia] TGLS = 4-1-4, 6-1-6, 7-1-7A, 7-1-7B, 7-1-7D, 8-1-8A, 8-1-8B, 9-1-9, 10-1-10

Note: [Inflammation] TGLS = 3-1-3, 7-1-7C

Note: [Ulcer] TGLS = 7-1-7C

Note: [Necrosis] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 3-1-3, 7-1-7C

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7731

TRT#: 35

SEX: Male

DAY ON TEST: 213

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, Five

Chronic Active, Minimal

One

One

Five

Note: [Squam Cel Carc] TGLS = 8-1-8

Note: [Hyperplasia] TGLS = 3-1-3, 6-1-6A, 6-1-6B, 7-1-7, 10-1-10

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5, 9-1-9

Note: [SqCICarcInSitu] TGLS = 11-1-11

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7732

TRT#: 35

SEX: Male

DAY ON TEST: 213

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, Four

Chronic Active, Minimal

> Five

Note: [Sq CI Papillom] TGLS = 3-1-3, 5-1-5, 6-1-6, 7-1-7, 8-1-8, 9-1-9, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14, 15-1-15, 16-1-16

Note: [Hyperplasia] TGLS = 17-1-17

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 4-1-4, 15-1-15

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7733

TRT#: 35

SEX: Male

DAY ON TEST: 171

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Mild

One

Three

Note: [Sq Cl Papillom] TGLS = 1-1-1, 6-1-6, 12-1-12

Note: [Hyperplasia] TGLS = 8-1-8, 11-1-11

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5, 7-1-7, 10-1-10, 13-1-13

Note: [Squam Cel Carc] TGLS = 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7734

TRT#: 35

SEX: Male

DAY ON TEST: 213

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, > Five
Chronic Active, Minimal
Minimal
Four
Four

Note: [Necrosis] TGLS = 2-1-2, 8-1-8

Note: [Sq CI Papillom] TGLS = 1-1-1, 3-1-3, 6-1-6, 11-1-11

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5, 9-1-9, 12-1-12B, 13-1-13A, 13-1-13B

Note: [SqCICarclnSitu] TGLS = 7-1-7A, 7-1-7B, 7-1-7C, 12-1-12A

Note: [Hyperplasia] TGLS = 2-1-2, 8-1-8, 10-1-10, 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7735

TRT#: 35

SEX: Male

DAY ON TEST: 171

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 2-1-2, 7-1-7, 10-1-10, 11-1-11, 13-1-13, 14-1-14, 16-1-16, 18-1-18

Note: [Hyperplasia] TGLS = 12-1-12, 17-1-17

Note: [Sq CI Papillom] TGLS = 1-1-1, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 8-1-8, 9-1-9, 15-1-15

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7736

TRT#: 35

SEX: Male

DAY ON TEST: 222

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Epidermis

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Inflammation

Suppurative, Mild

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Three

Epidermis

Ulcer

Mild

Note: [Inflammation] TGLS = 10-1-10

Note: [Sq CI Papillom] TGLS = 3-1-3, 5-1-5, 7-1-7

Note: [Ulcer] TGLS = 10-1-10

Note: [Hyperplasia] TGLS = 2-1-2, 10-1-10, 11-1-11

Note: [Hyperplasia] TGLS = 1-1-1, 4-1-4, 6-1-6B, 8-1-8, 9-1-9

Note: [SqCICarclnSitu] TGLS = 6-1-6A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7737

TRT#: 35

SEX: Male

DAY ON TEST: 164

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Cyst Epithelial Inclusion	
	Hyperplasia	Squam Atypical, Focal, Two
	Hyperplasia	Squamous, Moderate
Dermis	Inflammation	Chronic Active, Mild
Epidermis	Necrosis	Minimal
	Squamous Cell Carcinoma In Situ	One
	Squamous Cell Papilloma	> Five

Note: [Cyst Epith Inc] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 2-1-2, 10-1-10

Note: [Inflammation] TGLS = 7-1-7

Note: [Necrosis] TGLS = 7-1-7

Note: [SqCICarclnSitu] TGLS = 9-1-9

Note: [Hyperplasia] TGLS = 7-1-7, 12-1-12

Note: [Sq CI Papillom] TGLS = 1-1-1, 3-1-3, 5-1-5, 5-1-5A, 6-1-6, 8-1-8, 10-1-10, 11-1-11

Note: Wet tissue requested for TGL # 5 on slide 1-5A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7738

TRT#: 35

SEX: Male

DAY ON TEST: 200

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

Two

> Five

Note: [Squam Cel Carc] TGLS = 8-1-8, 11-1-11B

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 6-1-6, 10-1-10C, 11-1-11B

Note: [Hyperplasia] TGLS = 4-1-4A, 4-1-4B, 4-1-4C, 4-1-4D, 7-1-7, 9-1-9, 10-1-10A, 10-1-10B, 10-1-10D, 11-1-11A, 11-1-11C

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7739

TRT#: 35

SEX: Male

DAY ON TEST: 198

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

> Five

Squamous Cell Papilloma

> Five

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 8-1-8, 18-1-18, 19-1-19

Note: [SqClCarclnSitu] TGLS = 6-1-6, 10-1-10, 12-1-12, 14-1-14, 19-1-19, 20-1-20

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 7-1-7, 9-1-9, 11-1-11, 13-1-13, 15-1-15, 16-1-16, 17-1-17

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7740

TRT#: 35

SEX: Male

DAY ON TEST: 215

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

Three

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5, 8-1-8, 10-1-10, 11-1-11A, 11-1-11B, 11-1-11C, 12-1-12A, 12-1-12B

Note: [Hyperplasia] TGLS = 3-1-3, 9-1-9

Note: [Sq CI Papillom] TGLS = 12-1-12A

Note: [SqCICarInSitu] TGLS = 6-1-6, 7-1-7, 8-1-8

Note: Wet tissue requested for TGL # 11 on slide 1-11C

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7741

TRT#: 35

SEX: Male

DAY ON TEST: 206

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Papilloma

> Five

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 5-1-5, 6-1-6, 7-1-7, 10-1-10, 11-1-11

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5, 8-1-8, 9-1-9A, 9-1-9B, 9-1-9C, 12-1-12, 13-1-13, 14-1-14, 15-1-15, 16-1-16

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7742

TRT#: 35

SEX: Male

DAY ON TEST: 215

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307742

OBSERVATIONS

* Skin, Control

Note: [Abscess] TGLS = 15-6C

Abscess

Moderate

* Skin, Site of Application

Dermis

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, > Five

Inflammation

Chronic Active, Marked

Epidermis

Inflammation

Suppurative, Mild

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

Three

Epidermis

Ulcer

Marked

Note: [Sq CI Papillom] TGLS = 1-1-1, 3-1-3

Note: [Hyperplasia] TGLS = 2-1-2A, 5-1-5, 6-1-6, 7-1-7, 8-1-8B, 9-1-9B

Note: [Ulcer] TGLS = 2-1-2B, 8-1-8A, 9-1-9A

Note: [Squam Cel Carc] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 2-1-2B, 8-1-8A, 9-1-9A

Note: [Inflammation] TGLS = 2-1-2B, 8-1-8A, 9-1-9A

Note: [Inflammation] TGLS = 2-1-2B, 8-1-8A, 9-1-9A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7743

TRT#: 35

SEX: Male

DAY ON TEST: 208

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Four

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5

Note: [Sq CI Papillom] TGLS = 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7744

TRT#: 35

SEX: Male

DAY ON TEST: 199

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307744

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 26-6F

Cyst Epithelial Inclusion

* Skin, Site of Application

Epidermis

Hyperplasia

Hyperplasia

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, Three

Minimal

Three

> Five

Note: [Necrosis] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 4-1-4, 13-1-13

Note: [Hyperplasia] TGLS = 10-1-10, 16-1-16, 18-1-18

Note: [Squam Cel Carc] TGLS = 8-1-8, 11-1-11, 14-1-14

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 6-1-6, 7-1-7, 9-1-9, 10-1-10, 12-1-12, 14-1-14, 15-1-15, 16-1-16, 17-1-17

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7745

TRT#: 35

SEX: Male

DAY ON TEST: 199

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Moderate
	Hyperplasia	Squam Atypical, Focal, > Five
Sebaceous GI	Hyperplasia	Mild
Dermis	Inflammation	Chronic Active, Mild
Epidermis	Inflammation	Suppurative, Mild
	Squamous Cell Papilloma	Four
Epidermis	Ulcer	Mild

Note: [Ulcer] TGLS = 4-1-4

Note: [Sq CI Papillom] TGLS = 2-1-2, 5-1-5, 6-1-6, 8-1-8

Note: [Inflammation] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 3-1-3A, 3-1-3B, 5-1-5, 7-1-7, 8-1-8, 9-1-9, 10-1-10A, 10-1-10B, 10-1-10C, 11-1-11, 12-1-12

Note: [Inflammation] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7746

TRT#: 35

SEX: Male

DAY ON TEST: 128

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Control

Note: Located on 1A

* Skin, Site of Application

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Papilloma

One

Note: [Sq CI Papillom] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 5-1-5

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7747

TRT#: 35

SEX: Male

DAY ON TEST: 160

DOSE: .1% RP 13.7SSLM

DISP: Moribund Sacrifice

HISTO: 021430307747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Two

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 5-1-5, 6-1-6

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7748

TRT#: 35

SEX: Male

DAY ON TEST: 178

DOSE: .1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, One

Squamous Cell Carcinoma In Situ

One

Note: [Hyperplasia] TGLS = 2-1-2

Note: [SqClCarclnSitu] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7749

TRT#: 36

SEX: Male

DAY ON TEST: 163

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Necrosis

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Marked

Squam Atypical, Focal, > Five

Chronic Active, Mild

Mild

One

Two

Note: [Inflammation] TGLS = 9-1-9A, 9-1-9B, 9-1-9C

Note: [Necrosis] TGLS = 9-1-9A, 9-1-9B, 9-1-9C

Note: [SqCICarcInSitu] TGLS = 4-1-4

Note: [Sq CI Papillom] TGLS = 1-1-1, 8-1-8

Note: [Hyperplasia] TGLS = 3-1-3, 9-1-9A, 9-1-9B, 9-1-9C

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 10-1-10

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7750

TRT#: 36

SEX: Male

DAY ON TEST: 204

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Carcinoma
Squamous Cell Papilloma

Squamous, Marked
Squam Atypical, Focal, > Five
Chronic Active, Mild
Minimal
Two
> Five

Note: [Squam Cel Carc] TGLS = 8-1-8, 9-1-9A

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5, 6-1-6, 9-1-9B, 9-1-9C, 12-1-12, 14-1-14

Note: [Necrosis] TGLS = 10-1-10C

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 6-1-6, 7-1-7, 11-1-11, 13-1-13

Note: [Hyperplasia] TGLS = 10-1-10A, 10-1-10B, 10-1-10C

Note: [Inflammation] TGLS = 10-1-10A, 10-1-10B, 10-1-10C

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7751

TRT#: 36

SEX: Male

DAY ON TEST: 163

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Abscess

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Papilloma

Marked

Squamous, Marked

Squam Atypical, Focal, > Five

Chronic Active, Mild

> Five

Note: [Abscess] TGLS = 6-1-6

Note: [Inflammation] TGLS = 4-1-4A, 4-1-4B

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 7-1-7A, 7-1-7B, 12-1-12, 14-1-14

Note: [Hyperplasia] TGLS = 4-1-4A, 4-1-4B, 10-1-10, 15-1-15

Note: [Hyperplasia] TGLS = 5-1-5, 7-1-7B, 8-1-8, 9-1-9, 11-1-11, 13-1-13

Note: One routine section of Skin, Site of Application located on slide 1A.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7752

TRT#: 36

SEX: Male

DAY ON TEST: 164

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Control

Note: Located on 1A

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Marked

Squam Atypical, Focal, > Five

Chronic Active, Minimal

One

Five

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 5-1-5, 8-1-8, 9-1-9, 12-1-12, 13-1-13, 14-1-14

Note: [Inflammation] TGLS = 3-1-3, 4-1-4, 6-1-6, 7-1-7

Note: [SqCICarcInSitu] TGLS = 10-1-10

Note: [Sq CI Papillom] TGLS = 15-1-15, 16-1-16, 17-1-17, 18-1-18, 19-1-19

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 6-1-6, 7-1-7, 11-1-11

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7753

TRT#: 36

SEX: Male

DAY ON TEST: 204

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Marked
	Hyperplasia	Squam Atypical, Focal, Three
Dermis	Inflammation	Chronic Active, Moderate
Epidermis	Necrosis	Moderate
	Squamous Cell Papilloma	Three
Epidermis	Ulcer	Marked

Note: [Inflammation] TGLS = 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 10-1-10, 11-1-11A, 11-1-11B, 11-1-11C, 13-1-13A, 13-1-13B, 13-1-13C, 13-1-13D

Note: [Ulcer] TGLS = 3-1-3, 4-1-4, 5-1-5, 6-1-6, 10-1-10, 11-1-11A, 11-1-11B, 11-1-11C, 13-1-13A

Note: [Necrosis] TGLS = 7-1-7, 9-1-9, 13-1-13B, 13-1-13C, 13-1-13D

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 10-1-10, 11-1-11B, 11-1-11C, 13-1-13A, 13-1-13B, 13-1-13C, 13-1-13D

Note: [Sq CI Papillom] TGLS = 8-1-8, 12-1-12

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7754

TRT#: 36

SEX: Male

DAY ON TEST: 167

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Papilloma

Squamous, Moderate

Chronic Active, Mild

Suppurative, Mild

Moderate

One

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2

Note: [Inflammation] TGLS = 1-1-1, 2-1-2

Note: [Necrosis] TGLS = 2-1-2

Note: [Sq CI Papillom] TGLS = 3-1-3

Note: [Inflammation] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7755

TRT#: 36

SEX: Male

DAY ON TEST: 156

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Cyst Epithelial Inclusion

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, Four

Chronic Active, Mild

Five

Four

Note: [Cyst Epith Inc] TGLS = 6-1-6

Note: [Inflammation] TGLS = 1-1-1A, 1-1-1B

Note: [Sq CI Papillom] TGLS = 2-1-2, 7-1-7, 8-1-8, 9-1-9

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 6-1-6, 10-1-10A

Note: [SqCICarInSitu] TGLS = 5-1-5A, 5-1-5B, 10-1-10B, 10-1-10C

Note: [Hyperplasia] TGLS = 1-1-1A, 1-1-1B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7756

TRT#: 36

SEX: Male

DAY ON TEST: 197

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Marked

Squam Atypical, Focal, > Five

Chronic Active, Mild

Suppurative, Marked

Marked

Two

> Five

Note: [Squam Cel Carc] TGLS = 9-1-9, 17-1-17

Note: [Inflammation] TGLS = 7-1-7

Note: [Necrosis] TGLS = 1-1-1, 3-1-3, 6-1-6A, 7-1-7

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 6-1-6A, 7-1-7, 21-1-21A, 21-1-21B

Note: [Inflammation] TGLS = 1-1-1, 3-1-3, 6-1-6A, 7-1-7, 21-1-21A, 21-1-21B

Note: Wet tissue requested for TGL # 6 on slide 1-6A

Note: [Hyperplasia] TGLS = 5-1-5, 9-1-9, 11-1-11, 14-1-14, 15-1-15, 18-1-18, 20-1-20

Note: [Sq CI Papillom] TGLS = 2-1-2, 4-1-4, 5-1-5, 8-1-8, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 16-1-16, 19-1-19

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7757

TRT#: 36

SEX: Male

DAY ON TEST: 221

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Moderate
	Hyperplasia	Squam Atypical, Focal, Five
Dermis	Inflammation	Chronic Active, Mild
Epidermis	Inflammation	Suppurative, Mild
Epidermis	Necrosis	Mild
	Squamous Cell Carcinoma	Four
	Squamous Cell Carcinoma In Situ	One
	Squamous Cell Papilloma	> Five
Epidermis	Ulcer	Mild

Note: [Ulcer] TGLS = 14-1-14A, 14-1-14B

Note: [Necrosis] TGLS = 12-1-12B, 12-1-12C

Note: [SqClCarclnSitu] TGLS = 10-1-10A

Note: [Sq Cl Papillom] TGLS = 3-1-3, 4-1-4, 5-1-5, 6-1-6, 7-1-7, 8-1-8A, 8-1-8B, 9-1-9, 15-1-15

Note: [Hyperplasia] TGLS = 12-1-12A, 12-1-12B, 12-1-12C, 14-1-14A, 14-1-14B

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 9-1-9, 11-1-11, 13-1-13B

Note: [Squam Cel Carc] TGLS = 10-1-10B, 10-1-10C, 13-1-13A, 13-1-13C

Note: [Inflammation] TGLS = 14-1-14B

Note: [Inflammation] TGLS = 14-1-14A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7758

TRT#: 36

SEX: Male

DAY ON TEST: 197

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Marked
	Hyperplasia	Squam Atypical, Focal, > Five
Dermis	Inflammation	Chronic Active, Moderate
Epidermis	Inflammation	Suppurative, Mild
Epidermis	Necrosis	Mild
	Squamous Cell Carcinoma	One
	Squamous Cell Papilloma	Four
Epidermis	Ulcer	Mild

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 15-1-15

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5B, 7-1-7A, 8-1-8B, 10-1-10, 11-1-11, 13-1-13A

Note: [Inflammation] TGLS = 3-1-3, 5-1-5A, 6-1-6, 8-1-8A, 9-1-9, 12-1-12A, 12-1-12B, 13-1-13B, 13-1-13C

Note: [Ulcer] TGLS = 5-1-5A, 7-1-7B

Note: [Necrosis] TGLS = 3-1-3, 6-1-6, 8-1-8A, 9-1-9, 12-1-12A

Note: [Inflammation] TGLS = 5-1-5A, 6-1-6, 7-1-7B

Note: [Hyperplasia] TGLS = 3-1-3, 5-1-5A, 6-1-6, 7-1-7B, 8-1-8A, 9-1-9, 12-1-12A, 12-1-12B, 13-1-13B, 13-1-13C

Note: [Squam Cel Carc] TGLS = 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7759

TRT#: 36

SEX: Male

DAY ON TEST: 197

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Marked

Squam Atypical, Focal, > Five

Chronic Active, Mild

One

> Five

Note: [Inflammation] TGLS = 9-1-9, 10-1-10, 17-1-17A

Note: [SqClCarInSitu] TGLS = 7-1-7C

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 5-1-5, 6-1-6, 7-1-7A, 7-1-7B, 11-1-11A, 11-1-11B, 11-1-11C, 12-1-12, 13-1-13, 14-1-14, 15-1-15, 16-1-16, 17-1-17B

Note: [Hyperplasia] TGLS = 9-1-9, 10-1-10, 17-1-17A

Note: [Sq Cl Papillom] TGLS = 1-1-1, 3-1-3A, 3-1-3B, 8-1-8, 12-1-12, 15-1-15

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7760

TRT#: 36

SEX: Male

DAY ON TEST: 185

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Marked
	Hyperplasia	Squam Atypical, Focal, Three
Dermis	Inflammation	Chronic Active, Moderate
Epidermis	Inflammation	Suppurative, Moderate
Epidermis	Necrosis	Moderate
	Squamous Cell Papilloma	Three
Epidermis	Ulcer	Marked

Note: [Ulcer] TGLS = 3-1-3A, 5-1-5A, 5-1-5B, 10-1-10A, 10-1-10B, 10-1-10D, 10-1-10E

Note: [Necrosis] TGLS = 3-1-3B, 8-1-8, 10-1-10C

Note: [Sq CI Papillom] TGLS = 2-1-2, 4-1-4, 7-1-7

Note: [Inflammation] TGLS = 3-1-3A, 3-1-3B, 5-1-5A, 8-1-8, 10-1-10A, 10-1-10B, 10-1-10C, 10-1-10D, 10-1-10E

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3A, 3-1-3B, 5-1-5A, 5-1-5B, 8-1-8, 10-1-10A, 10-1-10B, 10-1-10C, 10-1-10D, 10-1-10E

Note: [Inflammation] TGLS = 5-1-5A, 8-1-8, 10-1-10B, 10-1-10D

Note: [Hyperplasia] TGLS = 6-1-6, 7-1-7, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7761

TRT#: 36

SEX: Male

DAY ON TEST: 178

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squam Atypical, Focal, > Five
	Hyperplasia	Squamous, Moderate
Dermis	Inflammation	Chronic Active, Minimal
	Keratoacanthoma	One
Epidermis	Necrosis	Mild
	Squamous Cell Papilloma	Four

Note: [Sq CI Papillom] TGLS = 2-1-2, 4-1-4, 5-1-5, 8-1-8

Note: [Keratoacanthoma] TGLS = 1-1-1

Note: [Hyperplasia] TGLS = 3-1-3, 6-1-6, 7-1-7A, 7-1-7B, 7-1-7C, 7-1-7D, 10-1-10, 11-1-11

Note: [Inflammation] TGLS = 9-1-9

Note: [Necrosis] TGLS = 9-1-9

Note: [Hyperplasia] TGLS = 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7762

TRT#: 36

SEX: Male

DAY ON TEST: 185

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Marked

Squam Atypical, Focal, Four

Chronic Active, Minimal

Suppurative, Minimal

Mild

Two

Four

Note: [Inflammation] TGLS = 8-1-8

Note: [Necrosis] TGLS = 3-1-3, 8-1-8

Note: [Squam Cel Carc] TGLS = 9-1-9, 10-1-10

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 4-1-4, 12-1-12

Note: [Sq Cl Papillom] TGLS = 5-1-5, 6-1-6, 7-1-7, 11-1-11

Note: [Hyperplasia] TGLS = 3-1-3, 8-1-8

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7763

TRT#: 36

SEX: Male

DAY ON TEST: 185

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Abscess

Marked

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, Five

Inflammation

Chronic Active, Mild

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Four

Note: [Abscess] TGLS = 6-1-6

Note: [Inflammation] TGLS = 15-1-15

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5C

Note: [Hyperplasia] TGLS = 15-1-15

Note: [SqCICarclnSitu] TGLS = 5-1-5B

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5A, 5-1-5C, 6-1-6, 7-1-7

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7764

TRT#: 36

SEX: Male

DAY ON TEST: 178

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Mild

One

> Five

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 6-1-6, 10-1-10, 12-1-12, 13-1-13, 14-1-14, 17-1-17, 19-1-19, 20-1-20, 21-1-21

Note: [Sq CI Papillom] TGLS = 2-1-2, 4-1-4, 5-1-5, 8-1-8, 9-1-9, 11-1-11, 15-1-15, 16-1-16, 18-1-18, 22-1-22, 23-1-23

Note: [SqCICarclnSitu] TGLS = 7-1-7

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7765

TRT#: 36

SEX: Male

DAY ON TEST: 190

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Necrosis

Squamous Cell Papilloma

Squamous, Marked

Squam Atypical, Focal, > Five

Chronic Active, Mild

Suppurative, Minimal

Mild

> Five

Note: [Inflammation] TGLS = 6-1-6A, 6-1-6C, 7-1-7, 8-1-8, 10-1-10A, 10-1-10B, 16-1-16A, 21-1-21

Note: [Necrosis] TGLS = 6-1-6A, 7-1-7, 8-1-8, 10-1-10A, 10-1-10B, 16-1-16A

Note: [Inflammation] TGLS = 16-1-16B

Note: [Hyperplasia] TGLS = 6-1-6A, 6-1-6C, 7-1-7, 8-1-8, 10-1-10A, 10-1-10B, 16-1-16A, 21-1-21

Note: [Sq CI Papillom] TGLS = 4-1-4, 5-1-5, 9-1-9, 12-1-12, 13-1-13, 15-1-15, 17-1-17, 18-1-18, 19-1-19, 20-1-20, 22-1-22

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3A, 3-1-3B, 5-1-5, 6-1-6B, 11-1-11, 14-1-14, 16-1-16B, 16-1-16C, 18-1-18

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7766

TRT#: 36

SEX: Male

DAY ON TEST: 190

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Marked
	Hyperplasia	Squam Atypical, Focal, > Five
Dermis	Inflammation	Chronic Active, Moderate
Epidermis	Inflammation	Suppurative, Mild
Epidermis	Necrosis	Moderate
	Squamous Cell Carcinoma In Situ	One
Epidermis	Ulcer	Marked

Note: [Ulcer] TGLS = 6-1-6, 10-1-10A, 17-1-17

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 9-1-9, 10-1-10A, 10-1-10B, 13-1-13, 17-1-17

Note: [Inflammation] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 9-1-9, 10-1-10A, 10-1-10B, 17-1-17

Note: [SqClCarclnSitu] TGLS = 11-1-11

Note: [Inflammation] TGLS = 6-1-6, 9-1-9, 10-1-10A, 17-1-17

Note: [Hyperplasia] TGLS = 7-1-7, 8-1-8, 12-1-12A, 12-1-12B, 12-1-12C, 16-1-16, 18-1-18

Note: [Necrosis] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5, 9-1-9, 10-1-10B, 13-1-13

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7767

TRT#: 36

SEX: Male

DAY ON TEST: 213

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Minimal

Two

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 5-1-5A, 5-1-5B, 5-1-5C, 6-1-6A, 6-1-6B, 8-1-8B

Note: [Squam Cel Carc] TGLS = 7-1-7, 8-1-8A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7768

TRT#: 36

SEX: Male

DAY ON TEST: 184

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Necrosis

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

Squamous, Marked

Chronic Active, Mild

Minimal

> Five

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 5-1-5, 6-1-6, 10-1-10A, 10-1-10B, 10-1-10C

Note: [Hyperplasia] TGLS = 11-1-11A, 11-1-11B

Note: [Inflammation] TGLS = 11-1-11A, 11-1-11B

Note: [Necrosis] TGLS = 11-1-11A, 11-1-11B

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 7-1-7, 8-1-8, 9-1-9, 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7769

TRT#: 36

SEX: Male

DAY ON TEST: 183

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307769

OBSERVATIONS

* Skin, Control

* Skin, Site of Application

Hyperplasia

Hyperplasia

Hyperplasia

Inflammation

Dermis

Inflammation

Epidermis

Necrosis

Epidermis

Squamous Cell Papilloma

Squamous, Minimal

Squamous, Marked

Squam Atypical, Focal, > Five

Chronic Active, Mild

Suppurative, Minimal

Mild

> Five

Note: [Hyperplasia] TGLS = 1-1-1, 4-1-4, 8-1-8, 9-1-9, 10-1-10, 14-1-14, 15-1-15, 16-1-16, 19-1-19A, 20-1-20, 23-1-23

Note: [Necrosis] TGLS = 1-1-1, 4-1-4, 15-1-15, 19-1-19A, 23-1-23

Note: [Sq CI Papillom] TGLS = 2-1-2, 3-1-3, 5-1-5, 6-1-6, 7-1-7, 11-1-11, 12-1-12

Note: [Inflammation] TGLS = 1-1-1, 4-1-4, 8-1-8, 10-1-10, 14-1-14, 15-1-15, 16-1-16, 19-1-19A, 23-1-23

Note: [Inflammation] TGLS = 4-1-4, 16-1-16

Note: [Hyperplasia] TGLS = 2-1-2, 6-1-6, 13-1-13, 17-1-17, 18-1-18, 19-1-19B, 21-1-21, 22-1-22

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7770

TRT#: 36

SEX: Male

DAY ON TEST: 188

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

Chronic Active, Minimal

One

> Five

Note: [SqClCarInSitu] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 7-1-7, 8-1-8, 10-1-10, 11-1-11, 12-1-12, 13-1-13

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 6-1-6, 8-1-8, 9-1-9, 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7771

TRT#: 36

SEX: Male

DAY ON TEST: 171

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squamous, Marked
	Hyperplasia	Squam Atypical, Focal, Two
Dermis	Inflammation	Chronic Active, Mild
Epidermis	Inflammation	Suppurative, Mild
Epidermis	Necrosis	Mild
	Squamous Cell Carcinoma In Situ	One
	Squamous Cell Papilloma	One
Epidermis	Ulcer	Mild

Note: [SqClCarclnSitu] TGLS = 10-1-10

Note: [Ulcer] TGLS = 5-1-5B, 6-1-6, 7-1-7

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5A, 5-1-5B, 6-1-6, 7-1-7, 8-1-8A, 8-1-8B, 8-1-8C, 9-1-9A, 9-1-9B, 9-1-9C

Note: [Inflammation] TGLS = 4-1-4, 5-1-5A, 5-1-5B, 6-1-6, 7-1-7, 8-1-8A, 8-1-8B, 8-1-8C, 9-1-9A, 9-1-9B, 9-1-9C

Note: [Necrosis] TGLS = 4-1-4, 5-1-5A, 8-1-8A, 8-1-8B, 8-1-8C, 9-1-9A, 9-1-9B, 9-1-9C

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3

Note: [Inflammation] TGLS = 5-1-5A, 5-1-5B, 6-1-6, 7-1-7

Note: [Sq Cl Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7772

TRT#: 36

SEX: Male

DAY ON TEST: 222

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

Squamous, Mild

Chronic Active, Minimal

One

One

> Five

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 6-1-6, 7-1-7, 10-1-10, 11-1-11, 14-1-14, 17-1-17

Note: [Squam Cel Carc] TGLS = 15-1-15

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 5-1-5, 6-1-6, 8-1-8, 9-1-9, 12-1-12, 13-1-13A, 13-1-13B, 14-1-14

Note: [SqCICarcInSitu] TGLS = 16-1-16

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7773

TRT#: 36

SEX: Male

DAY ON TEST: 176

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307773

OBSERVATIONS

* Skin, Control

Dermis

Inflammation

Chronic Active, Mild

* Skin, Site of Application

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, > Five

Dermis

Inflammation

Chronic Active, Mild

Squamous Cell Carcinoma In Situ

Two

Squamous Cell Papilloma

> Five

Note: [SqClCarInSitu] TGLS = 7-1-7A, 7-1-7B

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 8-1-8, 9-1-9, 10-1-10, 15-1-15

Note: [Hyperplasia] TGLS = 5-1-5, 6-1-6, 9-1-9, 10-1-10, 11-1-11, 12-1-12, 13-1-13, 14-1-14, 16-1-16

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7774

TRT#: 36

SEX: Male

DAY ON TEST: 200

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

> Five

Note: [SqClCarInSitu] TGLS = 20-1-20

Note: [Sq Cl Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 4-1-4, 7-1-7, 8-1-8, 11-1-11, 13-1-13, 14-1-14, 15-1-15, 16-1-16, 21-1-21

Note: [Hyperplasia] TGLS = 5-1-5, 6-1-6A, 6-1-6B, 9-1-9, 10-1-10, 12-1-12, 17-1-17A, 17-1-17B, 17-1-17C, 17-1-17D. 18-1-18, 19-1-19, 22-1-22

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7775

TRT#: 36

SEX: Male

DAY ON TEST: 206

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307775

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 16-6C

Cyst Epithelial Inclusion

* Skin, Site of Application

Dermis

Hyperplasia

Squam Atypical, Focal, > Five

Hyperplasia

Squamous, Mild

Inflammation

Chronic Active, Minimal

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Two

Squamous Cell Papilloma

One

Note: [SqCICarcInSitu] TGLS = 5-1-5A, 5-1-5B

Note: [Sq CI Papillom] TGLS = 1-1-1

Note: [Squam Cel Carc] TGLS = 6-1-6

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5B, 7-1-7A, 7-1-7B, 7-1-7C, 8-1-8, 9-1-9, 11-1-11

Note: [Inflammation] TGLS = 12-1-12

Note: [Hyperplasia] TGLS = 10-1-10, 12-1-12

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7776

TRT#: 36

SEX: Male

DAY ON TEST: 200

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Epidermis

Hyperplasia

Hyperplasia

Necrosis

Squamous Cell Carcinoma

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Mild

One

> Five

Note: [Hyperplasia] TGLS = 18-1-18, 19-1-19, 20-1-20

Note: [Squam Cel Carc] TGLS = 13-1-13

Note: [Necrosis] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 1-1-1, 4-1-4, 6-1-6, 7-1-7A, 10-1-10A, 10-1-10B, 11-1-11, 12-1-12, 14-1-14, 15-1-15A, 15-1-15B, 16-1-16A, 16-1-16B, 16-1-16C

Note: [Sq Cl Papillom] TGLS = 1-1-1, 3-1-3, 5-1-5, 6-1-6, 7-1-7B, 8-1-8, 9-1-9, 17-1-17

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7777

TRT#: 36

SEX: Male

DAY ON TEST: 177

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Carcinoma
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Moderate
Squam Atypical, Focal, > Five
Chronic Active, Mild
Mild
One
One
> Five

Note: [Inflammation] TGLS = 1-1-1, 8-1-8, 16-1-16

Note: [Necrosis] TGLS = 1-1-1, 8-1-8, 16-1-16

Note: [SqClCarcInSitu] TGLS = 11-1-11

Note: [Squam Cel Carc] TGLS = 11-1-11

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 6-1-6, 7-1-7, 9-1-9, 12-1-12

Note: [Sq Cl Papillom] TGLS = 2-1-2, 5-1-5, 10-1-10, 13-1-13, 14-1-14, 15-1-15

Note: [Hyperplasia] TGLS = 1-1-1, 8-1-8, 16-1-16

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7778

TRT#: 36

SEX: Male

DAY ON TEST: 215

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307778

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 16-6

Cyst Epithelial Inclusion

* Skin, Site of Application

Dermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Necrosis

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Moderate

Squam Atypical, Focal, > Five

Chronic Active, Mild

Mild

Three

Five

Note: [Hyperplasia] TGLS = 4-1-4, 5-1-5, 9-1-9A, 9-1-9B, 10-1-10, 12-1-12, 13-1-13, 15-1-15

Note: [Inflammation] TGLS = 3-1-3

Note: [Necrosis] TGLS = 1-1-1, 3-1-3

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3

Note: [SqClCarclnSitu] TGLS = 6-1-6, 14-1-14

Note: [Sq Cl Papillom] TGLS = 2-1-2, 7-1-7, 8-1-8, 11-1-11, 14-1-14

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7779

TRT#: 36

SEX: Male

DAY ON TEST: 197

DOSE: .5% RP 13.7SSLM

DISP: Natural Death

HISTO: 021430307779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

	Hyperplasia	Squam Atypical, Focal, Two
	Hyperplasia	Squamous, Mild
Dermis	Inflammation	Chronic Active, Mild
Epidermis	Inflammation	Suppurative, Mild
Epidermis	Necrosis	Minimal
	Squamous Cell Carcinoma	One
	Squamous Cell Carcinoma In Situ	One
	Squamous Cell Papilloma	Three
Epidermis	Ulcer	Mild

Note: [Necrosis] TGLS = 7-1-7

Note: [SqClCarclnSitu] TGLS = 4-1-4

Note: [Squam Cel Carc] TGLS = 9-1-9

Note: [Inflammation] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 3-1-3, 8-1-8

Note: [Hyperplasia] TGLS = 2-1-2, 7-1-7, 10-1-10

Note: [Inflammation] TGLS = 2-1-2, 7-1-7, 10-1-10

Note: [Sq Cl Papillom] TGLS = 1-1-1, 5-1-5, 6-1-6

Note: [Ulcer] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7780

TRT#: 36

SEX: Male

DAY ON TEST: 208

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Epidermis

Hyperplasia

Hyperplasia

Necrosis

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, > Five

Mild

> Five

Note: [Necrosis] TGLS = 12-1-12

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 7-1-7, 8-1-8, 10-1-10, 11-1-11

Note: [Hyperplasia] TGLS = 12-1-12

Note: [Sq CI Papillom] TGLS = 2-1-2, 4-1-4, 5-1-5, 6-1-6, 9-1-9, 10-1-10, 13-1-13

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7781

TRT#: 36

SEX: Male

DAY ON TEST: 193

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307781

OBSERVATIONS

* Skin, Control

Dermis

Hyperplasia
Inflammation

Squamous, Mild
Chronic Active, Mild

Note: [Hyperplasia] TGLS = 18-6B

Note: [Inflammation] TGLS = 18-6B

* Skin, Site of Application

Hyperplasia
Hyperplasia
Squamous Cell Papilloma

Squamous, Mild
Squam Atypical, Focal, > Five
> Five

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 6-1-6, 7-1-7, 10-1-10, 11-1-11A, 11-1-11B, 11-1-11C, 13-1-13, 14-1-14A, 14-1-14B, 17-1-17

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 8-1-8, 9-1-9, 11-1-11A, 12-1-12, 15-1-15, 16-1-16

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7782

TRT#: 36

SEX: Male

DAY ON TEST: 191

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Ulcer

Squamous, Mild

Squam Atypical, Focal, > Five

Chronic Active, Mild

Suppurative, Minimal

Two

> Five

Minimal

Note: [SqClCarclnSitu] TGLS = 24-1-24, 29-1-29

Note: [Inflammation] TGLS = 2-1-2A

Note: [Inflammation] TGLS = 2-1-2A

Note: [Hyperplasia] TGLS = 2-1-2A, 7-1-7, 10-1-10

Note: [Ulcer] TGLS = 2-1-2A

Note: Wet tissue requested for TGL # 2 on slide 1-2A

Note: Wet tissue requested for TGL # 8 on slide 1-8A

Note: Wet tissue requested for TGL # 9 on slide 1-9A

Note: Wet tissue requested for TGL # 25 on slide 1-25A

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 4-1-4, 5-1-5, 6-1-6, 8-1-8A, 12-1-12, 13-1-13, 16-1-16, 17-1-17, 18-1-18, 20-1-20, 21-1-21, 22-1-22, 23-1-23, 24-1-24

Note: [Sq Cl Papillom] TGLS = 1-1-1, 3-1-3, 4-1-4, 9-1-9A, 11-1-11, 12-1-12, 14-1-14, 15-1-15, 18-1-18, 19-1-19, 24-1-24

Note: [Hyperplasia] TGLS = 25-1-25, 25-1-25A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7783

TRT#: 36

SEX: Male

DAY ON TEST: 193

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Ulcer

Squamous, Mild

Squam Atypical, Focal, Four

Chronic Active, Mild

Suppurative, Minimal

Two

> Five

Mild

Note: [Inflammation] TGLS = 8-1-8

Note: [Inflammation] TGLS = 8-1-8

Note: [SqCICarcInSitu] TGLS = 7-1-7, 11-1-11

Note: [Hyperplasia] TGLS = 8-1-8

Note: [Ulcer] TGLS = 8-1-8

Note: [Hyperplasia] TGLS = 4-1-4, 6-1-6, 9-1-9, 12-1-12

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3, 5-1-5, 10-1-10

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7784

TRT#: 36

SEX: Male

DAY ON TEST: 178

DOSE: .5% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307784

OBSERVATIONS

* Skin, Control

Epidermis

Inflammation
Ulcer

Suppurative, Marked
Marked

Note: [Ulcer] TGLS = 10-6B

Note: [Inflammation] TGLS = 10-6B

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Inflammation
Squamous Cell Carcinoma
Squamous Cell Papilloma
Ulcer

Squamous, Moderate
Squam Atypical, Focal, > Five
Chronic Active, Mild
Suppurative, Mild
One
Four
Mild

Note: [Ulcer] TGLS = 8-1-8B, 9-1-9

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 6-1-6

Note: [Squam Cel Carc] TGLS = 7-1-7A

Note: [Inflammation] TGLS = 4-1-4, 8-1-8B, 9-1-9

Note: [Hyperplasia] TGLS = 3-1-3, 5-1-5, 7-1-7B, 7-1-7C, 7-1-7D, 8-1-8A

Note: [Inflammation] TGLS = 8-1-8B, 9-1-9

Note: [Hyperplasia] TGLS = 4-1-4, 8-1-8B, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7785

TRT#: 37

SEX: Male

DAY ON TEST: 163

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307785

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7786

TRT#: 37

SEX: Male

DAY ON TEST: 25

DOSE: 1% RP 13.7SSLM

DISP: Natural Death

HISTO: 021430307786

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7787

TRT#: 37

SEX: Male

DAY ON TEST: 180

DOSE: 1% RP 13.7SSLM

DISP: Moribund Sacrifice

HISTO: 021430307787

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7788

TRT#: 37

SEX: Male

DAY ON TEST: 163

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307788

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7789

TRT#: 37

SEX: Male

DAY ON TEST: 163

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307789

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7790

TRT#: 37

SEX: Male

DAY ON TEST: 192

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307790

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7791

TRT#: 37

SEX: Male

DAY ON TEST: 197

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307791

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7792

TRT#: 37

SEX: Male

DAY ON TEST: 198

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307792

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7793

TRT#: 37

SEX: Male

DAY ON TEST: 185

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307793

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7794

TRT#: 37

SEX: Male

DAY ON TEST: 206

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307794

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7795

TRT#: 37

SEX: Male

DAY ON TEST: 197

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307795

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7796

TRT#: 37

SEX: Male

DAY ON TEST: 221

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307796

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7797

TRT#: 37

SEX: Male

DAY ON TEST: 214

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307797

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7798

TRT#: 37

SEX: Male

DAY ON TEST: 209

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307798

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7799

TRT#: 37

SEX: Male

DAY ON TEST: 214

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307799

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7800

TRT#: 37

SEX: Male

DAY ON TEST: 178

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307800

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7801

TRT#: 37

SEX: Male

DAY ON TEST: 209

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307801

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7802

TRT#: 37

SEX: Male

DAY ON TEST: 178

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307802

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7803

TRT#: 37

SEX: Male

DAY ON TEST: 205

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307803

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7804

TRT#: 37

SEX: Male

DAY ON TEST: 205

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307804

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7805

TRT#: 37

SEX: Male

DAY ON TEST: 205

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307805

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7806

TRT#: 37

SEX: Male

DAY ON TEST: 183

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307806

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7807

TRT#: 37

SEX: Male

DAY ON TEST: 183

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307807

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7808

TRT#: 37

SEX: Male

DAY ON TEST: 183

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307808

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7809

TRT#: 37

SEX: Male

DAY ON TEST: 176

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307809

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7810

TRT#: 37

SEX: Male

DAY ON TEST: 208

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307810

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7811

TRT#: 37

SEX: Male

DAY ON TEST: 200

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307811

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7812

TRT#: 37

SEX: Male

DAY ON TEST: 208

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307812

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7813

TRT#: 37

SEX: Male

DAY ON TEST: 215

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307813

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7814

TRT#: 37

SEX: Male

DAY ON TEST: 176

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307814

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7815

TRT#: 37

SEX: Male

DAY ON TEST: 191

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307815

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7816

TRT#: 37

SEX: Male

DAY ON TEST: 191

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307816

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7817

TRT#: 37

SEX: Male

DAY ON TEST: 185

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307817

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7818

TRT#: 37

SEX: Male

DAY ON TEST: 193

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307818

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7819

TRT#: 37

SEX: Male

DAY ON TEST: 201

DOSE: 1% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307819

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7820

TRT#: 37

SEX: Male

DAY ON TEST: 65

DOSE: 1% RP 13.7SSLM

DISP: Moribund Sacrifice

HISTO: 021430307820

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7821

TRT#: 38

SEX: Male

DAY ON TEST: 192

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307821

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7822

TRT#: 38

SEX: Male

DAY ON TEST: 198

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307822

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7823

TRT#: 38

SEX: Male

DAY ON TEST: 163

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307823

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7824

TRT#: 38

SEX: Male

DAY ON TEST: 198

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307824

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7825

TRT#: 38

SEX: Male

DAY ON TEST: 198

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307825

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7826

TRT#: 38

SEX: Male

DAY ON TEST: 198

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307826

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7827

TRT#: 38

SEX: Male

DAY ON TEST: 216

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307827

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7828

TRT#: 38

SEX: Male

DAY ON TEST: 178

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307828

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7829

TRT#: 38

SEX: Male

DAY ON TEST: 178

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307829

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7830

TRT#: 38

SEX: Male

DAY ON TEST: 191

DOSE: 2% RP 13.7SSLM

DISP: Natural Death

HISTO: 021430307830

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7831

TRT#: 38

SEX: Male

DAY ON TEST: 198

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307831

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7832

TRT#: 38

SEX: Male

DAY ON TEST: 192

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307832

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7833

TRT#: 38

SEX: Male

DAY ON TEST: 184

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307833

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7834

TRT#: 38

SEX: Male

DAY ON TEST: 178

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307834

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7835

TRT#: 38

SEX: Male

DAY ON TEST: 206

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307835

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7836

TRT#: 38

SEX: Male

DAY ON TEST: 190

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307836

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7837

TRT#: 38

SEX: Male

DAY ON TEST: 185

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307837

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7838

TRT#: 38

SEX: Male

DAY ON TEST: 206

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307838

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7839

TRT#: 38

SEX: Male

DAY ON TEST: 142

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307839

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7840

TRT#: 38

SEX: Male

DAY ON TEST: 178

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307840

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7841

TRT#: 38

SEX: Male

DAY ON TEST: 202

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307841

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7842

TRT#: 38

SEX: Male

DAY ON TEST: 183

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307842

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7843

TRT#: 38

SEX: Male

DAY ON TEST: 222

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307843

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7844

TRT#: 38

SEX: Male

DAY ON TEST: 215

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307844

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7845

TRT#: 38

SEX: Male

DAY ON TEST: 176

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307845

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7846

TRT#: 38

SEX: Male

DAY ON TEST: 195

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307846

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7847

TRT#: 38

SEX: Male

DAY ON TEST: 215

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307847

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7848

TRT#: 38

SEX: Male

DAY ON TEST: 164

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307848

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7849

TRT#: 38

SEX: Male

DAY ON TEST: 176

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307849

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7850

TRT#: 38

SEX: Male

DAY ON TEST: 93

DOSE: 2% RP 13.7SSLM

DISP: Moribund Sacrifice

HISTO: 021430307850

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7851

TRT#: 38

SEX: Male

DAY ON TEST: 201

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307851

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7852

TRT#: 38

SEX: Male

DAY ON TEST: 188

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307852

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7853

TRT#: 38

SEX: Male

DAY ON TEST: 188

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307853

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7854

TRT#: 38

SEX: Male

DAY ON TEST: 208

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307854

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7855

TRT#: 38

SEX: Male

DAY ON TEST: 188

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307855

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7856

TRT#: 38

SEX: Male

DAY ON TEST: 201

DOSE: 2% RP 13.7SSLM

DISP: Harvest

HISTO: 021430307856

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7857

TRT#: 39

SEX: Male

DAY ON TEST: 185

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307857

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7858

TRT#: 39

SEX: Male

DAY ON TEST: 202

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307858

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7859

TRT#: 39

SEX: Male

DAY ON TEST: 202

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307859

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7860

TRT#: 39

SEX: Male

DAY ON TEST: 202

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307860

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7861

TRT#: 39

SEX: Male

DAY ON TEST: 163

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307861

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7862

TRT#: 39

SEX: Male

DAY ON TEST: 202

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307862

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7863

TRT#: 39

SEX: Male

DAY ON TEST: 195

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307863

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7864

TRT#: 39

SEX: Male

DAY ON TEST: 195

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307864

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7865

TRT#: 39

SEX: Male

DAY ON TEST: 138

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307865

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7866

TRT#: 39

SEX: Male

DAY ON TEST: 195

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307866

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7867

TRT#: 39

SEX: Male

DAY ON TEST: 178

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307867

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7868

TRT#: 39

SEX: Male

DAY ON TEST: 195

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307868

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7869

TRT#: 39

SEX: Male

DAY ON TEST: 188

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307869

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7870

TRT#: 39

SEX: Male

DAY ON TEST: 188

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307870

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7871

TRT#: 39

SEX: Male

DAY ON TEST: 188

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307871

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7872

TRT#: 39

SEX: Male

DAY ON TEST: 185

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307872

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7873

TRT#: 39

SEX: Male

DAY ON TEST: 188

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307873

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7874

TRT#: 39

SEX: Male

DAY ON TEST: 188

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307874

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7875

TRT#: 39

SEX: Male

DAY ON TEST: 181

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307875

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7876

TRT#: 39

SEX: Male

DAY ON TEST: 181

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307876

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7877

TRT#: 39

SEX: Male

DAY ON TEST: 181

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307877

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7878

TRT#: 39

SEX: Male

DAY ON TEST: 142

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307878

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7879

TRT#: 39

SEX: Male

DAY ON TEST: 181

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307879

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7880

TRT#: 39

SEX: Male

DAY ON TEST: 181

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307880

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7881

TRT#: 39

SEX: Male

DAY ON TEST: 174

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307881

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7882

TRT#: 39

SEX: Male

DAY ON TEST: 174

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307882

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7883

TRT#: 39

SEX: Male

DAY ON TEST: 174

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307883

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7884

TRT#: 39

SEX: Male

DAY ON TEST: 174

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307884

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7885

TRT#: 39

SEX: Male

DAY ON TEST: 174

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307885

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7886

TRT#: 39

SEX: Male

DAY ON TEST: 174

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307886

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7887

TRT#: 39

SEX: Male

DAY ON TEST: 167

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307887

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7888

TRT#: 39

SEX: Male

DAY ON TEST: 167

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307888

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7889

TRT#: 39

SEX: Male

DAY ON TEST: 167

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307889

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7890

TRT#: 39

SEX: Male

DAY ON TEST: 167

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307890

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7891

TRT#: 39

SEX: Male

DAY ON TEST: 167

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307891

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7892

TRT#: 39

SEX: Male

DAY ON TEST: 167

DOSE: .001% RA13.7SSLM

DISP: Harvest

HISTO: 021430307892

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7893

TRT#: 40

SEX: Male

DAY ON TEST: 220

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous, Mild

Squam Atypical, Focal, Four

Chronic Active, Minimal

Four

Three

Note: [Squam Cel Carc] TGLS = 1-1-1A, 1-1-1B, 1-1-1C, 2-1-2

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3A, 3-1-3B, 5-1-5

Note: [SqClCarclnSitu] TGLS = 1-1-1B, 4-1-4, 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7894

TRT#: 40

SEX: Male

DAY ON TEST: 250

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Hyperplasia

Squamous, Minimal

Squamous Cell Carcinoma

Two

Squamous Cell Carcinoma In Situ

Three

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 6-1-6, 8-1-8, 9-1-9, 10-1-10

Note: [Sq CI Papillom] TGLS = 2-1-2

Note: [Squam Cel Carc] TGLS = 5-1-5, 7-1-7

Note: [SqCICarcInSitu] TGLS = 4-1-4, 5-1-5, 7-1-7

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7895

TRT#: 40

SEX: Male

DAY ON TEST: 228

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia	Squam Atypical, Focal, Three
Squamous Cell Carcinoma	> Five
Squamous Cell Carcinoma In Situ	Three
Squamous Cell Papilloma	Three

Note: [Sq CI Papillom] TGLS = 4-1-4, 6-1-6, 7-1-7

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2A, 2-1-2B

Note: [SqCICarcInSitu] TGLS = 8-1-8C, 10-1-10A, 10-1-10B

Note: [Squam Cel Carc] TGLS = 3-1-3, 5-1-5, 6-1-6, 7-1-7, 8-1-8A, 8-1-8B, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7896

TRT#: 40

SEX: Male

DAY ON TEST: 171

DOSE: NOCREAMM20.55SSL

DISP: Moribund Sacrifice

HISTO: 021430307896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Inflammation
Necrosis

Squamous, Moderate
Chronic Active, Minimal
Minimal

Note: [Hyperplasia] TGLS = 1-1-1

Note: [Inflammation] TGLS = 1-1-1

Note: [Necrosis] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7897

TRT#: 40

SEX: Male

DAY ON TEST: 228

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307897

OBSERVATIONS

* Skin, Control

Dermis

Cyst Epithelial Inclusion
Inflammation

Chronic Active, Moderate

Note: [Inflammation] TGLS = 12-6

Note: [Cyst Epith Inc] TGLS = 12-6

* Skin, Site of Application

Hyperplasia
Hyperplasia
Squamous Cell Carcinoma
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Minimal
Squam Atypical, Focal, > Five
Three
Four
One

Note: [Sq CI Papillom] TGLS = 7-1-7

Note: [SqCICarcInSitu] TGLS = 3-1-3, 7-1-7, 8-1-8A, 10-1-10C

Note: [Squam Cel Carc] TGLS = 6-1-6, 10-1-10A, 11-1-11

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 4-1-4, 5-1-5A, 5-1-5B, 6-1-6, 8-1-8B, 9-1-9A, 9-1-9B, 9-1-9C, 10-1-10B

Note: Wet tissue requested for TGL # 10 on slide 1-10C

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7898

TRT#: 40

SEX: Male

DAY ON TEST: 204

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Four

Squamous Cell Carcinoma In Situ

Two

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3A, 3-1-3B, 3-1-3C

Note: [SqClCarclnSitu] TGLS = 2-1-2, 3-1-3C

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7899

TRT#: 40

SEX: Male

DAY ON TEST: 213

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Epidermis

Epidermis

Hyperplasia

Hyperplasia

Inflammation

Inflammation

Squamous Cell Carcinoma

Ulcer

Squam Atypical, Focal, Three

Squamous, Mild

Chronic Active, Marked

Suppurative, Mild

Three

Marked

Note: [Inflammation] TGLS = 3-1-3

Note: [Ulcer] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 1-1-1, 5-1-5A, 5-1-5B

Note: [Squam Cel Carc] TGLS = 2-1-2, 4-1-4, 6-1-6

Note: [Hyperplasia] TGLS = 3-1-3

Note: [Inflammation] TGLS = 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7900

TRT#: 40

SEX: Male

DAY ON TEST: 221

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia	Squamous, Minimal
Squamous Cell Carcinoma	Five
Squamous Cell Carcinoma In Situ	Five
Squamous Cell Papilloma	> Five

Note: [SqClCarInSitu] TGLS = 2-1-2, 4-1-4, 5-1-5, 12-1-12, 13-1-13

Note: [Squam Cel Carc] TGLS = 1-1-1, 5-1-5, 6-1-6B, 8-1-8, 14-1-14

Note: [Sq Cl Papillom] TGLS = 3-1-3, 6-1-6A, 7-1-7, 9-1-9, 10-1-10, 11-1-11

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7901

TRT#: 40

SEX: Male

DAY ON TEST: 229

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Five

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Three

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 6-1-6, 7-1-7, 8-1-8

Note: [SqClCarclnSitu] TGLS = 2-1-2

Note: [Sq Cl Papillom] TGLS = 4-1-4, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7902

TRT#: 40

SEX: Male

DAY ON TEST: 243

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307902

OBSERVATIONS

* Skin, Control

Note: [Cyst Epith Inc] TGLS = 13-6C

Cyst Epithelial Inclusion

* Skin, Site of Application

Hyperplasia

Squamous, Moderate

Hyperplasia

Squam Atypical, Focal, Five

Squamous Cell Carcinoma

Four

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

One

Note: [Sq CI Papillom] TGLS = 1-1-1

Note: [Squam Cel Carc] TGLS = 4-1-4, 5-1-5, 7-1-7, 9-1-9

Note: [Hyperplasia] TGLS = 2-1-2A, 2-1-2B, 3-1-3, 4-1-4

Note: [SqCICarcInSitu] TGLS = 8-1-8

Note: [Hyperplasia] TGLS = 6-1-6

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7903

TRT#: 40

SEX: Male

DAY ON TEST: 248

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

Two

Squamous Cell Carcinoma In Situ

One

Squamous Cell Papilloma

Four

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4A, 4-1-4B, 5-1-5, 6-1-6, 8-1-8

Note: [Squam Cel Carc] TGLS = 1-1-1, 8-1-8

Note: [SqClCarclnSitu] TGLS = 7-1-7

Note: [Sq Cl Papillom] TGLS = 2-1-2, 4-1-4A, 4-1-4B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7904

TRT#: 40

SEX: Male

DAY ON TEST: 197

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

One

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2, 3-1-3B, 3-1-3C

Note: [SqClCarclnSitu] TGLS = 3-1-3A

Note: [Squam Cel Carc] TGLS = 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7905

TRT#: 40

SEX: Male

DAY ON TEST: 222

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307905

OBSERVATIONS

* Skin, Control

Epidermis
Dermis
Epidermis
Epidermis

Hyperplasia
Inflammation
Inflammation
Necrosis
Ulcer

Squamous, Mild
Suppurative, Mild
Chronic Active, Moderate
Mild
Mild

Note: [Necrosis] TGLS = 4-6B

Note: [Ulcer] TGLS = 5-6C

Note: [Hyperplasia] TGLS = 5-6C

Note: [Inflammation] TGLS = 5-6C

Note: [Inflammation] TGLS = 4-6B, 5-6C

* Skin, Site of Application

Hyperplasia
Squamous Cell Carcinoma
Squamous Cell Carcinoma In Situ

Squamous, Minimal
Four
One

Note: [SqCICarcInSitu] TGLS = 2-1-2

Note: [Squam Cel Carc] TGLS = 1-1-1, 3-1-3A, 3-1-3B, 3-1-3C

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7906

TRT#: 40

SEX: Male

DAY ON TEST: 241

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma

Two

Squamous Cell Carcinoma In Situ

Two

Note: [Squam Cel Carc] TGLS = 2-1-2, 3-1-3B

Note: [Hyperplasia] TGLS = 3-1-3A, 5-1-5, 6-1-6

Note: [SqClCarclnSitu] TGLS = 1-1-1, 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7907

TRT#: 40

SEX: Male

DAY ON TEST: 248

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Sebaceous GI

Hyperplasia

Squam Atypical, Focal, One

Hyperplasia

Mild

Squamous Cell Carcinoma

Two

Squamous Cell Carcinoma In Situ

One

Note: [SqClCarclnSitu] TGLS = 3-1-3

Note: [Squam Cel Carc] TGLS = 3-1-3, 4-1-4

Note: [Hyperplasia] TGLS = 2-1-2

Note: [Hyperplasia] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7908

TRT#: 40

SEX: Male

DAY ON TEST: 241

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis
Epidermis

Hyperplasia
Hyperplasia
Inflammation
Necrosis
Squamous Cell Papilloma

Squamous, Minimal
Squam Atypical, Focal, > Five
Chronic Active, Minimal
Minimal
Two

Note: [Necrosis] TGLS = 1-1-1

Note: [Sq CI Papillom] TGLS = 2-1-2B

Note: [Inflammation] TGLS = 1-1-1, 5-1-5

Note: [Hyperplasia] TGLS = 2-1-2A, 2-1-2B, 3-1-3A, 3-1-3B, 4-1-4A, 4-1-4B

Note: [Hyperplasia] TGLS = 1-1-1, 5-1-5

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7909

TRT#: 40

SEX: Male

DAY ON TEST: 206

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squam Atypical, Focal, Four
Two
Four

Note: [Sq CI Papillom] TGLS = 1-1-1, 5-1-5, 6-1-6

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2A, 3-1-3, 4-1-4A

Note: [SqCICarclnSitu] TGLS = 2-1-2B, 4-1-4B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7910

TRT#: 40

SEX: Male

DAY ON TEST: 199

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307910

OBSERVATIONS

* Skin, Control

Note: [Abscess] TGLS = 7-6A

Abscess

Marked

* Skin, Site of Application

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2A, 2-1-2B, 3-1-3

Note: [Squam Cel Carc] TGLS = 4-1-4

Note: [SqClCarclnSitu] TGLS = 5-1-5

Hyperplasia

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squam Atypical, Focal, Five

One

One

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7911

TRT#: 40

SEX: Male

DAY ON TEST: 241

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous, Mild

Chronic Active, Mild

Two

Note: [Squam Cel Carc] TGLS = 1-1-1, 2-1-2

Note: [Inflammation] TGLS = 3-1-3

Note: [Hyperplasia] TGLS = 3-1-3

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7912

TRT#: 40

SEX: Male

DAY ON TEST: 234

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307912

OBSERVATIONS

* Skin, Control

Dermis
Epidermis

Hyperplasia
Inflammation
Ulcer

Squamous, Mild
Chronic Active, Minimal
Minimal

Note: [Hyperplasia] TGLS = 8-6

Note: [Inflammation] TGLS = 8-6

Note: [Ulcer] TGLS = 8-6

* Skin, Site of Application

Dermis

Hyperplasia
Hyperplasia
Inflammation
Squamous Cell Carcinoma
Squamous Cell Carcinoma In Situ
Squamous Cell Papilloma

Squamous, Minimal
Squam Atypical, Focal, > Five
Chronic Active, Minimal
Two
One
One

Note: [Hyperplasia] TGLS = 3-1-3, 4-1-4, 5-1-5A, 5-1-5B, 6-1-6, 7-1-7

Note: [SqClCarclnSitu] TGLS = 5-1-5A

Note: [Squam Cel Carc] TGLS = 1-1-1, 2-1-2

Note: [Sq Cl Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7913

TRT#: 40

SEX: Male

DAY ON TEST: 229

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia	Squam Atypical, Focal, > Five
Squamous Cell Carcinoma	Four
Squamous Cell Carcinoma In Situ	Five
Squamous Cell Papilloma	Three

Note: [SqClCarInSitu] TGLS = 2-1-2A, 3-1-3, 4-1-4, 6-1-6, 8-1-8A

Note: [Sq Cl Papillom] TGLS = 4-1-4, 5-1-5, 10-1-10

Note: [Squam Cel Carc] TGLS = 2-1-2A, 3-1-3, 8-1-8A, 9-1-9

Note: [Hyperplasia] TGLS = 1-1-1, 2-1-2B, 5-1-5, 7-1-7, 8-1-8A, 8-1-8B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7914

TRT#: 40

SEX: Male

DAY ON TEST: 234

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3A, 3-1-3B

Note: [Sq CI Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7915

TRT#: 40

SEX: Male

DAY ON TEST: 241

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307915

OBSERVATIONS

* Skin, Control

Dermis

Inflammation

Chronic Active, Moderate

Epidermis

Inflammation

Suppurative, Marked

Epidermis

Ulcer

Marked

Note: [Inflammation] TGLS = 6-6

Note: [Ulcer] TGLS = 6-6

Note: [Inflammation] TGLS = 6-6

* Skin, Site of Application

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, Two

Dermis

Inflammation

Chronic Active, Mild

Squamous Cell Carcinoma

Two

Squamous Cell Papilloma

Two

Note: [Sq CI Papillom] TGLS = 1-1-1, 4-1-4

Note: [Hyperplasia] TGLS = 3-1-3A, 5-1-5

Note: [Squam Cel Carc] TGLS = 2-1-2, 3-1-3B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7916

TRT#: 40

SEX: Male

DAY ON TEST: 207

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma

Five

Squamous Cell Carcinoma In Situ

> Five

Squamous Cell Papilloma

Three

Note: [Hyperplasia] TGLS = 2-1-2

Note: [SqClCarclnSitu] TGLS = 1-1-1, 4-1-4, 5-1-5, 6-1-6A, 6-1-6B, 7-1-7, 9-1-9

Note: [Sq Cl Papillom] TGLS = 1-1-1, 3-1-3

Note: [Squam Cel Carc] TGLS = 5-1-5, 6-1-6A, 6-1-6B, 8-1-8, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7917

TRT#: 40

SEX: Male

DAY ON TEST: 227

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Two

Squamous Cell Carcinoma

One

Note: [Hyperplasia] TGLS = 1-1-1A, 1-1-1B

Note: [Squam Cel Carc] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7918

TRT#: 40

SEX: Male

DAY ON TEST: 234

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Four

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 2-1-2, 3-1-3, 4-1-4, 5-1-5

Note: [Sq CI Papillom] TGLS = 1-1-1

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7919

TRT#: 40

SEX: Male

DAY ON TEST: 208

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Squamous Cell Carcinoma

Two

Squamous Cell Carcinoma In Situ

Three

Note: [Squam Cel Carc] TGLS = 2-1-2, 3-1-3

Note: Wet tissue requested for TGL # 1 on slide 1-1A

Note: [SqClCarclnSitu] TGLS = 1-1-1A, 3-1-3, 4-1-4

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7920

TRT#: 40

SEX: Male

DAY ON TEST: 200

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Carcinoma In Situ

Five

Squamous Cell Papilloma

> Five

Note: [Sq CI Papillom] TGLS = 1-1-1, 2-1-2, 3-1-3A, 6-1-6, 8-1-8, 9-1-9

Note: [Hyperplasia] TGLS = 3-1-3A, 4-1-4, 5-1-5A, 5-1-5B, 7-1-7, 9-1-9, 10-1-10A, 10-1-10B

Note: [Squam Cel Carc] TGLS = 5-1-5B

Note: [SqCICarcInSitu] TGLS = 1-1-1, 2-1-2, 3-1-3B, 5-1-5A, 10-1-10B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7921

TRT#: 40

SEX: Male

DAY ON TEST: 234

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307921

OBSERVATIONS

* Skin, Control

Note: [Infiltrat Cell] TGLS = 16-6C

Infiltration Cellular

Lymphocyte, Moderate

* Skin, Site of Application

Note: [Sq CI Papillom] TGLS = 1-1-1, 3-1-3, 5-1-5, 8-1-8, 11-1-11

Note: [Hyperplasia] TGLS = 5-1-5, 6-1-6, 7-1-7, 9-1-9, 10-1-10, 11-1-11

Note: [Hyperplasia] TGLS = 2-1-2

Note: [Squam Cel Carc] TGLS = 4-1-4

Hyperplasia

Squamous, Mild

Hyperplasia

Squam Atypical, Focal, > Five

Squamous Cell Carcinoma

One

Squamous Cell Papilloma

Five

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7922

TRT#: 40

SEX: Male

DAY ON TEST: 192

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma

Three

Squamous Cell Carcinoma In Situ

One

Note: [Squam Cel Carc] TGLS = 4-1-4, 5-1-5, 6-1-6

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 7-1-7

Note: [SqClCarclnSitu] TGLS = 2-1-2

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7923

TRT#: 40

SEX: Male

DAY ON TEST: 215

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous, Minimal

Hyperplasia

Squam Atypical, Focal, Two

Squamous Cell Carcinoma

Five

Squamous Cell Carcinoma In Situ

Five

Squamous Cell Papilloma

Three

Note: [Hyperplasia] TGLS = 4-1-4, 6-1-6

Note: [SqClCarclnSitu] TGLS = 4-1-4, 7-1-7, 8-1-8

Note: [Sq Cl Papillom] TGLS = 3-1-3, 5-1-5, 6-1-6

Note: [Squam Cel Carc] TGLS = 1-1-1, 2-1-2, 4-1-4, 6-1-6, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7924

TRT#: 40

SEX: Male

DAY ON TEST: 215

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squam Atypical, Focal, > Five

> Five

> Five

Two

Note: [SqClCarInSitu] TGLS = 1-1-1, 5-1-5, 7-1-7A, 7-1-7B, 8-1-8, 10-1-10A, 10-1-10B

Note: [Hyperplasia] TGLS = 2-1-2, 4-1-4, 5-1-5, 6-1-6

Note: [Sq Cl Papillom] TGLS = 3-1-3, 7-1-7A

Note: [Squam Cel Carc] TGLS = 3-1-3, 6-1-6, 7-1-7A, 7-1-7B, 8-1-8, 9-1-9

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7925

TRT#: 40

SEX: Male

DAY ON TEST: 170

DOSE: NOCREAMM20.55SSL

DISP: Natural Death

HISTO: 021430307925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

* Skin, Site Of Application

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7926

TRT#: 40

SEX: Male

DAY ON TEST: 201

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia	Squamous, Minimal
Hyperplasia	Squam Atypical, Focal, Three
Squamous Cell Carcinoma	One
Squamous Cell Carcinoma In Situ	Three
Squamous Cell Papilloma	Three

Note: [Squam Cel Carc] TGLS = 4-1-4

Note: [Hyperplasia] TGLS = 1-1-1, 3-1-3, 5-1-5

Note: [SqClCarcInSitu] TGLS = 6-1-6, 8-1-8, 9-1-9

Note: [Sq Cl Papillom] TGLS = 2-1-2, 6-1-6, 7-1-7

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
All-trans-retinyl palmitate
CAS Number: 79-81-2

Date Report Requested: 07/28/2016
Time Report Requested: 15:27:54
First Dose M/F: 06/22/03 / NA
Lab: NCTR

ANIMAL ID: 7927

TRT#: 40

SEX: Male

DAY ON TEST: 193

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Dermis

Hyperplasia

Hyperplasia

Inflammation

Squamous Cell Carcinoma

Squamous Cell Carcinoma In Situ

Squamous Cell Papilloma

Squamous, Mild

Squam Atypical, Focal, One

Chronic Active, Minimal

Three

> Five

Three

Note: [SqClCarclnSitu] TGLS = 2-1-2, 3-1-3A, 3-1-3B, 7-1-7

Note: [Hyperplasia] TGLS = 6-1-6

Note: [Sq Cl Papillom] TGLS = 1-1-1B, 3-1-3B

Note: [Squam Cel Carc] TGLS = 1-1-1A, 4-1-4, 5-1-5A

Note: Wet tissue requested for TGL # 5 on slide 1-5A

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 7928

TRT#: 40

SEX: Male

DAY ON TEST: 201

DOSE: NOCREAMM20.55SSL

DISP: Harvest

HISTO: 021430307928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin, Control

OBSERVATIONS

* Skin, Site of Application

Hyperplasia

Squam Atypical, Focal, Three

Squamous Cell Carcinoma

Four

Squamous Cell Papilloma

One

Note: [Hyperplasia] TGLS = 2-1-2A, 2-1-2B, 2-1-2D

Note: [Sq CI Papillom] TGLS = 1-1-1

Note: [Squam Cel Carc] TGLS = 2-1-2C, 3-1-3A, 3-1-3B

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8271

TRT#: 41

SEX: Male

DAY ON TEST: 368

DOSE: 1% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430308271

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8272

TRT#: 41

SEX: Male

DAY ON TEST: 368

DOSE: 1% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430308272

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8273

TRT#: 41

SEX: Male

DAY ON TEST: 107

DOSE: 1% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430308273

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8274

TRT#: 41

SEX: Male

DAY ON TEST: 269

DOSE: 1% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430308274

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8275

TRT#: 41

SEX: Male

DAY ON TEST: 146

DOSE: 1% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430308275

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8276

TRT#: 41

SEX: Male

DAY ON TEST: 255

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308276

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8277

TRT#: 41

SEX: Male

DAY ON TEST: 284

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308277

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8278

TRT#: 41

SEX: Male

DAY ON TEST: 352

DOSE: 1% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430308278

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8279

TRT#: 41

SEX: Male

DAY ON TEST: 137

DOSE: 1% RP NO SSL-M

DISP: Natural Death

HISTO: 021430308279

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8280

TRT#: 41

SEX: Male

DAY ON TEST: 284

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308280

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8281

TRT#: 41

SEX: Male

DAY ON TEST: 368

DOSE: 1% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430308281

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8282

TRT#: 41

SEX: Male

DAY ON TEST: 269

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308282

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8283

TRT#: 41

SEX: Male

DAY ON TEST: 128

DOSE: 1% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430308283

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8284

TRT#: 41

SEX: Male

DAY ON TEST: 277

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308284

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8285

TRT#: 41

SEX: Male

DAY ON TEST: 159

DOSE: 1% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430308285

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8286

TRT#: 41

SEX: Male

DAY ON TEST: 213

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308286

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8287

TRT#: 41

SEX: Male

DAY ON TEST: 292

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308287

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8288

TRT#: 41

SEX: Male

DAY ON TEST: 256

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308288

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8289

TRT#: 41

SEX: Male

DAY ON TEST: 368

DOSE: 1% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430308289

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8290

TRT#: 41

SEX: Male

DAY ON TEST: 368

DOSE: 1% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430308290

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8291

TRT#: 41

SEX: Male

DAY ON TEST: 180

DOSE: 1% RP NO SSL-M

DISP: Moribund Sacrifice

HISTO: 021430308291

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8292

TRT#: 41

SEX: Male

DAY ON TEST: 313

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308292

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8293

TRT#: 41

SEX: Male

DAY ON TEST: 255

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308293

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8294

TRT#: 41

SEX: Male

DAY ON TEST: 297

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308294

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8295

TRT#: 41

SEX: Male

DAY ON TEST: 209

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308295

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8296

TRT#: 41

SEX: Male

DAY ON TEST: 290

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308296

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8297

TRT#: 41

SEX: Male

DAY ON TEST: 227

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308297

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8298

TRT#: 41

SEX: Male

DAY ON TEST: 368

DOSE: 1% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430308298

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8299

TRT#: 41

SEX: Male

DAY ON TEST: 368

DOSE: 1% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430308299

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8300

TRT#: 41

SEX: Male

DAY ON TEST: 242

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308300

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8301

TRT#: 41

SEX: Male

DAY ON TEST: 192

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308301

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8302

TRT#: 41

SEX: Male

DAY ON TEST: 283

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308302

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8303

TRT#: 41

SEX: Male

DAY ON TEST: 368

DOSE: 1% RP NO SSL-M

DISP: Terminal Sacrifice

HISTO: 021430308303

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8304

TRT#: 41

SEX: Male

DAY ON TEST: 327

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308304

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8305

TRT#: 41

SEX: Male

DAY ON TEST: 256

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308305

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

Experiment Number: 20117 - 01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: MICE/SKH-1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

All-trans-retinyl palmitate

CAS Number: 79-81-2

Date Report Requested: 07/28/2016

Time Report Requested: 15:27:54

First Dose M/F: 06/22/03 / NA

Lab: NCTR

ANIMAL ID: 8306

TRT#: 41

SEX: Male

DAY ON TEST: 270

DOSE: 1% RP NO SSL-M

DISP: Harvest

HISTO: 021430308306

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Animal Note: Per PI, no pathological evaluation required on this animal.

*** END OF REPORT ***