C Number:	C99023
Lock Date:	10/17/2001
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

B6C3F1 Mouse MALE	0 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG	4.0 G/KG
Disposition Summary						
Animals Initially In Study	**10**	**10**	**10**	**10**	**10**	**10**
Early Deaths						
Moribund Sacrifice					**5**	**2**
Natural Death					**4**	**8**
Survivors						
Terminal Sacrifice	**10**	**10**	**10**	**10**	**1**	
Animals Examined Microscopically	**10**	**10**	**10**	**10**	**10**	**10**
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(10)	(10)	(10)
Gallbladder	(10)	(0)	(0)	(10)	(9)	(8)
Intestine Large, Cecum	(10)	(0)	(0)	(10)	(10)	(9)
Intestine Large, Colon	(10)	(0)	(0)	(10)	(8)	(8)
Intestine Large, Rectum	(10)	(0)	(0)	(10)	(10)	(9)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)	(9)	(6)
Intestine Small, Ileum	(10)	(0)	(0)	(10)	(9)	(7)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)	(8)	(6)
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Centrilobular, Hypertrophy				3 (30%)	5 (50%)	
Centrilobular, Mineralization						1 (10%)
Centrilobular, Necrosis					6 (60%)	10 (100%)
Infiltration Cellular, Mixed Cell	7 (70%)	8 (80%)	5 (50%)	3 (30%)	2 (20%)	
Inflammation, Acute						1 (10%)
Necrosis, Focal	1 (10%)					
Oral Mucosa	(10)	(0)	(0)	(10)	(10)	(10)
Pancreas	(10)	(10)	(10)	(10)	(10)	(10)
Degeneration					7 (70%)	10 (100%)
Salivary Glands	(10)	(0)	(0)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cl				1 (10%)		

a - Number of animals examined microscopically at site and number of animals with lesion

B6C3F1 Mouse MALE	0 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG	4.0 G/KG
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)	(10)
Epithelium, Hyperplasia					5 (50%)	
Inflammation					6 (60%)	8 (80%)
Mineralization						1 (10%)
Ulcer					6 (60%)	6 (60%)
Stomach, Glandular	(10)	(0)	(0)	(10)	(10)	(10)
Inflammation					1 (10%)	
Ulcer					1 (10%)	
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(10)	(9)	(10)
Heart	(10)	(0)	(0)	(10)	(10)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(10)	(10)	(10)
Capsule, Hyperplasia	5 (50%)			3 (30%)	4 (40%)	2 (20%)
Adrenal Medulla	(10)	(0)	(0)	(10)	(10)	(10)
Parathyroid Gland	(9)	(0)	(0)	(9)	(7)	(6)
Pituitary Gland	(10)	(0)	(0)	(10)	(10)	(10)
Thyroid Gland	(10)	(0)	(0)	(10)	(10)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Coagulating Gland	(10)	(0)	(0)	(10)	(9)	(10)
Epididymis	(10)	(0)	(0)	(10)	(10)	(10)
Preputial Gland	(10)	(0)	(0)	(10)	(10)	(10)
Prostate	(10)	(0)	(0)	(10)	(10)	(10)
Seminal Vesicle	(10)	(0)	(0)	(10)	(10)	(10)
Testes	(10)	(10)	(10)	(10)	(10)	(10)
Germinal Epith, Degeneration					2 (20%)	

a - Number of animals examined microscopically at site and number of animals with lesion

Experiment Number: 99023-02
Test Type: 90-DAY
Species/Strain: Mouse/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/20/2014
Time Report Requested: 17:29:19
First Dose M/F: NA / NA
Lab: BAT

B6C3F1 Mouse MALE	0 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG	4.0 G/KG
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy					6 (60%)	2 (20%)
Lymph Node, Mandibular	(10)	(10)	(10)	(9)	(9)	(10)
Necrosis					5 (56%)	8 (80%)
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(10)	(10)
Necrosis					7 (70%)	10 (100%)
Spleen	(10)	(10)	(10)	(10)	(10)	(10)
Congestion						2 (20%)
Lymph Follic, Necrosis					8 (80%)	10 (100%)
Red Pulp, Hematopoietic Cell Proliferation	1 (10%)					
Thymus	(10)	(10)	(10)	(10)	(10)	(10)
Cyst	1 (10%)			1 (10%)		
Necrosis					10 (100%)	10 (100%)
INTEGUMENTARY SYSTEM						
Mammary Gland	(1)	(0)	(0)	(0)	(0)	(0)
Skin	(10)	(0)	(0)	(10)	(10)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(10)	(10)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(10)	(10)	(10)
Ventricle, Hydrocephalus					1 (10%)	
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(10)	(10)	(10)
Arteriole, Thrombosis					1 (10%)	
Congestion						2 (20%)
Inflammation, Suppurative						1 (10%)
Nose	(10)	(10)	(10)	(10)	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

B6C3F1 Mouse MALE	0 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG	4.0 G/KG
Olfactory Epi, Degeneration					7 (70%)	7 (70%)
Respirat Epith, Inflammation				1 (10%)		
Trachea	(10)	(0)	(0)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM						
Eye	(10)	(0)	(0)	(10)	(10)	(10)
Harderian Gland	(10)	(0)	(0)	(10)	(10)	(10)
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cl	1 (10%)					
Inflammation, Chronic Active	1 (10%)					
Nephropathy		3 (30%)		2 (20%)	1 (10%)	
Renal Tubule, Necrosis			2 (20%)		6 (60%)	10 (100%)
Urinary Bladder	(10)	(0)	(0)	(10)	(10)	(10)

END OF MALE DATA

a - Number of animals examined microscopically at site and number of animals with lesion

B6C3F1 Mouse FEMALE	0 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG	4.0 G/KG
Disposition Summary						
Animals Initially In Study	**10**	**10**	**10**	**10**	**10**	**10**
Early Deaths						
Moribund Sacrifice					**1**	**5**
Natural Death					**7**	**5**
Survivors						
Terminal Sacrifice	**10**	**10**	**10**	**10**	**2**	
Animals Examined Microscopically	**10**	**10**	**10**	**10**	**10**	**10**
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(10)	(10)	(10)
Epithelium, Muscularis, Inflammation, Suppurative					1 (10%)	
Gallbladder	(10)	(0)	(0)	(9)	(8)	(9)
Intestine Large, Cecum	(10)	(0)	(0)	(10)	(8)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(10)	(7)	(8)
Intestine Large, Rectum	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)	(8)	(9)
Intestine Small, Ileum	(10)	(0)	(0)	(10)	(6)	(9)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)	(6)	(9)
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Centrilobular, Hypertrophy				2 (20%)	4 (40%)	
Centrilobular, Necrosis					3 (30%)	8 (80%)
Clear Cell Focus			1 (10%)			
Infiltration Cellular, Mixed Cell	9 (90%)		9 (90%)	9 (90%)	2 (20%)	
Oral Mucosa	(10)	(0)	(2)	(10)	(10)	(10)
Gingival, Inflammation			2 (100%)			
Pancreas	(10)	(10)	(10)	(10)	(10)	(10)
Degeneration					4 (40%)	9 (90%)
Salivary Glands	(10)	(0)	(0)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cl	1 (10%)					

a - Number of animals examined microscopically at site and number of animals with lesion

Experiment Number: 99023-02
Test Type: 90-DAY
Species/Strain: Mouse/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/20/2014
Time Report Requested: 17:29:20
First Dose M/F: NA / NA
Lab: BAT

B6C3F1 Mouse FEMALE	0 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG	4.0 G/KG
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)	(10)
Epithelium, Hyperplasia			1 (10%)	2 (20%)	4 (40%)	1 (10%)
Inflammation					8 (80%)	6 (60%)
Mineralization						1 (10%)
Ulcer					3 (30%)	
Stomach, Glandular	(10)	(0)	(0)	(10)	(10)	(10)
Epithelium, Hyperplasia, Atypical					1 (10%)	
Inflammation, Suppurative					1 (10%)	
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(10)	(10)	(10)
Heart	(10)	(0)	(0)	(10)	(10)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(10)	(10)	(10)
Capsule, Hyperplasia	10 (100%)			10 (100%)	9 (90%)	7 (70%)
Adrenal Medulla	(10)	(0)	(0)	(10)	(10)	(10)
Parathyroid Gland	(10)	(0)	(0)	(8)	(8)	(5)
Cyst				1 (13%)		
Pituitary Gland	(10)	(0)	(0)	(10)	(10)	(10)
Thyroid Gland	(10)	(0)	(0)	(10)	(10)	(10)
Inflammation, Granulomatous				1 (10%)		
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(10)	(0)	(0)	(10)	(9)	(10)
Ovary	(10)	(0)	(0)	(10)	(10)	(10)
Uterus	(10)	(0)	(0)	(10)	(10)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(10)	(10)	(10)	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

B6C3F1 Mouse FEMALE	0 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG	4.0 G/KG
Atrophy					4 (40%)	
Lymph Node, Mandibular	(10)	(10)	(10)	(10)	(8)	(10)
Necrosis					3 (38%)	10 (100%)
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(10)	(10)
Necrosis					3 (30%)	10 (100%)
Spleen	(10)	(10)	(10)	(10)	(10)	(10)
Lymph Follic, Necrosis					6 (60%)	7 (70%)
Thymus	(10)	(10)	(10)	(10)	(10)	(10)
Cyst	1 (10%)			2 (20%)		
Necrosis					9 (90%)	10 (100%)
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(0)	(10)	(10)	(10)
Skin	(10)	(0)	(0)	(10)	(10)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(10)	(10)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(10)	(10)	(10)
Peripheral Nerve	(1)	(0)	(0)	(0)	(0)	(0)
Spinal Cord	(0)	(0)	(0)	(0)	(0)	(1)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(10)	(10)	(10)
Arteriole, Inflammation, Chronic	1 (10%)					
Inflammation, Suppurative					1 (10%)	
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Olfactory Epi, Degeneration	1 (10%)			1 (10%)	9 (90%)	10 (100%)
Olfactory Epi, Inflammation					2 (20%)	
Olfactory Epi, Metaplasia					1 (10%)	
Respirat Epith, Inflammation			2 (20%)		1 (10%)	1 (10%)

a - Number of animals examined microscopically at site and number of animals with lesion

B6C3F1 Mouse FEMALE	0 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG	4.0 G/KG
Respirat Epith, Mineralization			1 (10%)			
Trachea	(10)	(0)	(0)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM						
Ear	(2)	(0)	(0)	(0)	(0)	(0)
Eye	(10)	(0)	(0)	(10)	(10)	(10)
Harderian Gland	(10)	(0)	(0)	(10)	(10)	(9)
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic	1 (10%)					
Renal Tubule, Necrosis					8 (80%)	5 (50%)
Renal Tubule, Regeneration					1 (10%)	
Urinary Bladder	(10)	(0)	(0)	(10)	(10)	(10)

** END OF REPORT **

a - Number of animals examined microscopically at site and number of animals with lesion