

Experiment Number: 92007-02
Test Type: 90-DAY
Species/Strain: Mouse/B6C3F1

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/19/2014
Time Report Requested: 07:32:25
First Dose M/F: NA / NA
Lab: NIEHS

C Number: C92007
Lock Date: 02/04/1999
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date NONE

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Lab: NIEHS

B6C3F1 Mouse MALE	0PPM	10PPM	5PPM	2.5PPM
Disposition Summary				
Animals Initially In Study	10	10	10	10
Scheduled Sacrifice	10	10	10	10
Early Deaths				
Survivors				
Animals Examined Microscopically	10	10	10	10
ALIMENTARY SYSTEM				
Liver	(10)	(10)	(0)	(0)
Centrilobular, Hypertrophy, Multifocal	1 [1.0]			
Infiltration Cellular, Mononuclear Cl, Focal	1 [1.0]	3 [1.0]		
Infiltration Cellular, Mononuclear Cl, Multifocal	1 [1.0]			
CARDIOVASCULAR SYSTEM				
Heart	(10)	(10)	(0)	(0)
Valve, Pigmentation, Hemosiderin, Focal		1 [1.0]		
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Epididymis	(10)	(9)	(0)	(0)
Testes	(10)	(10)	(0)	(0)
Seminif Tub, Degeneration, Focal	1 [1.0]			
HEMATOPOIETIC SYSTEM				
Bone Marrow	(10)	(10)	(0)	(0)
Erythroid Cell, Femoral, Hyperplasia, Diffuse		1 [3.0]		

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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B6C3F1 Mouse MALE	0PPM	10PPM	5PPM	2.5PPM
Spleen	(10)	(10)	(0)	(0)
Hematopoietic Cell Proliferation, Diffuse		1 [3.0]		
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
Brain	(10)	(10)	(0)	(0)
RESPIRATORY SYSTEM				
Larynx	(10)	(10)	(0)	(0)
Lamina Propria, Infiltration Cellular, Mononuclear Cl, Focal	1 [1.0]			
Lamina Propria, Inflammation, Multifocal, Suppurative, Acute	1 [1.0]			
Lung	(10)	(10)	(0)	(0)
Hemorrhage, Acute, Focal	1 [1.0]	1 [1.0]		
Hemorrhage, Multifocal, Acute	1 [1.0]	1 [1.0]		
Nose	(10)	(10)	(10)	(10)
Lamina Propria, Infiltration Cellular, Mononuclear Cl, Focal		2 [1.0]		3 [1.7]
Lamina Propria, Infiltration Cellular, Mononuclear Cl, Multifocal	4 [1.3]	3 [1.3]	5 [1.0]	3 [1.0]
Nasopharyn Dct, Infiltration Cellular, Mononuclear Cl, Focal	5 [1.0]	2 [1.0]	3 [1.0]	2 [1.0]
Nasopharyn Dct, Infiltration Cellular, Mononuclear Cl, Multifocal		2 [1.0]		5 [1.2]
Respirat Epith, Septum, Erosion, Multifocal		2 [2.0]		
Respirat Epith, Septum, Inflammation, Multifocal, Suppurative		1 [2.0]		

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Respirat Epith, Septum, Inflammation, Suppurative, Focal		1 [1.0]		
Respirat Epith, Septum, Metaplasia, Squamous, Focal		1 [1.0]		
Respirat Epith, Septum, Metaplasia, Squamous, Multifocal		4 [1.3]		
Respirat Epith, Turbinate, Erosion, Focal		1 [1.0]	1 [1.0]	2 [1.0]
Respirat Epith, Turbinate, Erosion, Multifocal		9 [1.7]	6 [1.0]	1 [1.0]
Respirat Epith, Turbinate, Hyperplasia, Multifocal			10 [1.9]	10 [1.2]
Respirat Epith, Turbinate, Inflammation, Multifocal, Suppurative		3 [1.3]		
Respirat Epith, Turbinate, Inflammation, Suppurative, Focal		1 [1.0]		
Respirat Epith, Turbinate, Metaplasia, Squamous, Multifocal		6 [1.3]	3 [1.0]	
Respirat Epith, Turbinate, Ulcer, Multifocal		1 [2.0]		
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(10)	(0)	(0)
Interstitium, Infiltration Cellular, Mononuclear Cl, Focal		2 [1.0]		
Interstitium, Infiltration Cellular, Mononuclear Cl, Multifocal	1 [1.0]	6 [1.0]		
Renal Tubule, Regeneration, Focal		2 [1.0]		
Renal Tubule, Regeneration, Multifocal	1 [1.0]			
Urinary Bladder	(10)	(10)	(0)	(0)
Lamina Propria, Infiltration Cellular, Mononuclear Cl, Focal	1 [1.0]	1 [1.0]		

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END OF MALE DATA

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B6C3F1 Mouse FEMALE	0PPM	10PPM	5PPM	2.5PPM
Disposition Summary				
Animals Initially In Study	10	10	10	10
Scheduled Sacrifice	10	10	10	10
Early Deaths				
Survivors				
Animals Examined Microscopically	10	10	10	10
ALIMENTARY SYSTEM				
Liver	(10)	(10)	(0)	(0)
Infiltration Cellular, Mononuclear CI, Focal	2 [1.0]			
Infiltration Cellular, Mononuclear CI, Multifocal	4 [1.0]	3 [1.0]		
Inflammation, Suppurative, Acute, Focal		1 [1.0]		
Karyomegaly, Focal	1 [1.0]			
Necrosis, Coagulative, Focal	1 [1.0]			
CARDIOVASCULAR SYSTEM				
Heart	(10)	(10)	(0)	(0)
Valve, Pigmentation, Multifocal, Hemosiderin	1 [2.0]			
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Ovary	(10)	(10)	(0)	(0)
Cyst, Focal		1 [3.0]		
Uterus	(10)	(10)	(0)	(0)
HEMATOPOIETIC SYSTEM				

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First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse FEMALE	0PPM	10PPM	5PPM	2.5PPM
Bone Marrow	(10)	(10)	(0)	(0)
Spleen	(10)	(10)	(0)	(0)
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
Brain	(10)	(10)	(0)	(0)
RESPIRATORY SYSTEM				
Larynx	(10)	(10)	(0)	(0)
Lung	(10)	(10)	(0)	(0)
Hemorrhage, Acute, Focal	1 [1.0]	1 [1.0]		
Hemorrhage, Multifocal, Acute	1 [1.0]			
Nose	(10)	(10)	(10)	(10)
Lamina Propria, Infiltration Cellular, Mononuclear Cl, Focal		4 [1.3]	1 [1.0]	1 [1.0]
Lamina Propria, Infiltration Cellular, Mononuclear Cl, Multifocal	7 [1.4]	5 [1.2]	8 [1.4]	7 [1.1]
Lamina Propria, Inflammation, Suppurative, Focal	1 [1.0]			
Nasopharyn Dct, Infiltration Cellular, Mononuclear Cl, Focal			1 [1.0]	1 [1.0]
Nasopharyn Dct, Infiltration Cellular, Mononuclear Cl, Multifocal		2 [1.0]	1 [1.0]	1 [1.0]
Respirat Epith, Septum, Metaplasia, Squamous, Multifocal		10 [1.2]		
Respirat Epith, Turbinate, Erosion, Focal		2 [1.0]		
Respirat Epith, Turbinate, Erosion, Multifocal		5 [1.2]	2 [1.0]	1 [1.0]

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B6C3F1 Mouse FEMALE	0PPM	10PPM	5PPM	2.5PPM
Respirat Epith, Turbinate, Hyperplasia, Multifocal			8 [1.4]	8 [1.0]
Respirat Epith, Turbinate, Metaplasia, Squamous, Multifocal		10 [1.2]	7 [1.1]	
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(10)	(0)	(0)
Interstitium, Infiltration Cellular, Mononuclear Cl, Focal	2 [1.0]	2 [1.0]		
Interstitium, Infiltration Cellular, Mononuclear Cl, Multifocal		1 [1.0]		
Renal Tubule, Regeneration, Focal	3 [1.0]	2 [1.0]		
Renal Tubule, Regeneration, Multifocal		1 [1.0]		
Urinary Bladder	(10)	(10)	(0)	(0)

**** END OF REPORT ****

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b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)