

**Experiment Number:** 10260 - 01  
**Test Type:** Chronic PN  
**Route:** DOSED FEED  
**Species/Strain:** RATS/HSD

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**  
2-Hydroxy-4-methoxybenzophenone  
**CAS Number:** 131-57-7

**Date Report Requested:** 01/06/2017  
**Time Report Requested:** 09:34:04  
**First Dose M/F:** 11/08/10 / 11/09/10  
**Lab:** BAT

Final 1\_HSD Rats\_14 Week Interim Only

**NTP Study Number:** C10260  
**Lock Date:** 07/22/2014  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** 25017 SSAC  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

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Harlan Sprague Dawley RATS MALE

0 ppm Male

1000 ppm Male

3000 ppm Male

10000 ppm Male

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**Disposition Summary**

<b>Animals Initially In Study</b>	<b>60</b>	<b>50</b>	<b>50</b>	<b>60</b>
<b>Scheduled Sacrifice</b>	<b>10</b>			<b>10</b>
<b>Early Deaths</b>				
<b>Survivors</b>				
<b>Animals Examined Microscopically</b>	<b>10</b>			<b>10</b>

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ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(10)
Infiltration Cellular, Mixed Cell	2 (20%)			8 (80%)
Pancreas	(10)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)

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CARDIOVASCULAR SYSTEM

Blood Vessel	(10)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(10)
Cardiomyopathy				3 (30%)

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ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(0)	(0)	(10)
Hyperplasia, Focal				1 (10%)
Inflammation, Chronic				1 (10%)

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

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Harlan Sprague Dawley RATS MALE	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Medulla	(10)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(10)
Parathyroid Gland	(5)	(0)	(0)	(9)
Pituitary Gland	(10)	(0)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(10)

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GENERAL BODY SYSTEM

None

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GENITAL SYSTEM

Epididymis	(10)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(10)
Prostate	(10)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(10)

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HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(10)
Hemorrhage	1 (10%)			

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INTEGUMENTARY SYSTEM

Mammary Gland	(10)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(10)

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Harlan Sprague Dawley RATS MALE	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
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MUSCULOSKELETAL SYSTEM				
Bone	(10)	(0)	(0)	(10)
<hr/>				
NERVOUS SYSTEM				
Brain	(10)	(0)	(0)	(10)
<hr/>				
RESPIRATORY SYSTEM				
Lung	(10)	(0)	(0)	(10)
Nose	(10)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(10)
Inflammation, Chronic				1 (10%)
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SPECIAL SENSES SYSTEM				
Eye	(10)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(10)
Inflammation, Chronic	1 (10%)			2 (20%)
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URINARY SYSTEM				
Kidney	(10)	(0)	(0)	(10)
Cyst				1 (10%)
Nephropathy, Chronic Progressive	7 (70%)			8 (80%)
Urinary Bladder	(10)	(0)	(0)	(10)

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\*\*\* END OF MALE \*\*\*

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Harlan Sprague Dawley RATS FEMALE	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
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**Disposition Summary**

<b>Animals Initially In Study</b>	<b>60</b>	<b>50</b>	<b>50</b>	<b>60</b>
<b>Scheduled Sacrifice</b>	<b>10</b>			<b>10</b>
<b>Early Deaths</b>				
<b>Survivors</b>				
<b>Animals Examined Microscopically</b>	<b>10</b>			<b>10</b>

---

**ALIMENTARY SYSTEM**

Esophagus	(10)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(10)
Infiltration Cellular, Mixed Cell	2 (20%)			3 (30%)
Pancreas	(10)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)

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**CARDIOVASCULAR SYSTEM**

Blood Vessel	(10)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(10)
Cardiomyopathy	1 (10%)			

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**ENDOCRINE SYSTEM**

Adrenal Cortex	(10)	(0)	(0)	(10)
Hyperplasia, Focal				1 (10%)
Adrenal Medulla	(10)	(0)	(0)	(10)

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Harlan Sprague Dawley RATS FEMALE	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Islets, Pancreatic	(10)	(0)	(0)	(10)
Parathyroid Gland	(7)	(0)	(0)	(7)
Pituitary Gland	(10)	(0)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(10)

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GENERAL BODY SYSTEM

None

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GENITAL SYSTEM

Clitoral Gland	(10)	(0)	(0)	(10)
Ovary	(10)	(0)	(0)	(10)
Uterus	(10)	(0)	(0)	(10)
Vagina	(10)	(0)	(0)	(10)

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HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(10)

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INTEGUMENTARY SYSTEM

Mammary Gland	(10)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(10)

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MUSCULOSKELETAL SYSTEM

Bone	(10)	(0)	(0)	(10)
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Harlan Sprague Dawley RATS FEMALE	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
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NERVOUS SYSTEM

Brain	(10)	(0)	(0)	(10)
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RESPIRATORY SYSTEM

Lung	(10)	(0)	(0)	(10)
Alveolus, Infiltration Cellular, Histiocyte	1 (10%)			
Nose	(10)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(10)

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SPECIAL SENSES SYSTEM

Eye	(10)	(0)	(0)	(10)
Retina, Atrophy				1 (10%)
Harderian Gland	(10)	(0)	(0)	(10)

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URINARY SYSTEM

Kidney	(10)	(0)	(0)	(10)
Mineral				1 (10%)
Nephropathy, Chronic Progressive	4 (40%)			4 (40%)
Urinary Bladder	(10)	(0)	(0)	(10)

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\*\*\* END OF REPORT \*\*\*

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