Experiment Number: 88133-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 10/22/2014
Time Report Requested: 02:41:02
First Dose M/F: NA / NA
Lab: BAT

C Number: C88133
Lock Date: 11/13/1997
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE
Experiment Number: 88133-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

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Date Report Requested: 10/22/2014
Time Report Requested: 02:41:02
Lab: BAT

DAYS ON TEST

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*TOTALS

Alimentary System
NONE

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
NONE

Hematopoietic System
NONE

Integumentary System
Skin + + + + + 5

Musculoskeletal System
NONE

Nervous System
NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
1-4 ..Lesion qualified as:
X ..Lesion present
A ..Autolysis precludes evaluation
1) Minimal 3) Moderate
I ..Insufficient tissue
BLANK ..Not examined microscopically
2) Mild 4) Marked
Experiment Number: 88133-01
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Time Report Requested: 02:41:02
First Dose M/F: NA / NA
Lab: BAT

## DAY ON TEST

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*TOTALS*

### Respiratory System
NONE

### Special Senses System
NONE

### Urinary System
NONE

*..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+..Tissue examined microscopically
M..Missing tissue
1-4..Lesion qualified as:
   1) Minimal
   3) Moderate
   2) Mild
   4) Marked

X..Lesion present
A..Autolysis precludes evaluation
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Page 3
Experiment Number: 88133-01
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Route: SKIN APPLICATION
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F 344/N Rat Male
12.5 MG/KG

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**TOTALS**

### Alimentary System
NONE

### Cardiovascular System
NONE

### Endocrine System
NONE

### General Body System
NONE

### Genital System
NONE

### Hematopoietic System
NONE

### Integumentary System

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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
A ..Autolysis precludes evaluation
X ..Lesion present
I ..Insufficient tissue
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
1) Minimal
2) Mild
3) Moderate
4) Marked

Page 4
F 344/N Rat Male  
12.5 MG/KG

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**Epidermis, SOA, Parakeratosis**
- Day 1: 1 case  
- Mean Severity: 1.0

**SOA, Sebaceous Gl, Hyperplasia**
- Days 1-5: 5 cases
- Mean Severity: 2.0

**SOA, Ulcer**
- Day 1: 1 case
- Mean Severity: 2.0

**Musculoskeletal System**
- None

**Nervous System**
- None

**Respiratory System**
- None

**Special Senses System**
- None

**Urinary System**
- None

---

*..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+..Tissue examined microscopically

M..Missing tissue

1-4..Lesion qualified as:

1) Minimal

3) Moderate

2) Mild

4) Marked

X..Lesion present

A..Autolysis precludes evaluation

I..Insufficient tissue

BLANK..Not examined microscopically

Page 5
Experiment Number: 88133-01

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

Test Compound: Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 10/22/2014

Time Report Requested: 02:41:02

First Dose M/F: NA / NA

Lab: BAT

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**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin

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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
X ..Lesion present
A ..Autolysis precludes evaluation
I ..Insufficient tissue
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
1) Minimal
2) Mild
3) Moderate
4) Marked
Experiment Number: 88133-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 10/22/2014
Time Report Requested: 02:41:02
First Dose M/F: NA / NA
Lab: BAT

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

F 344/N Rat Male
25 MG/KG

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**Epidermis, SOA, Parakeratosis**
- Total:
  - ANIMAL ID 1: 2, 1, 2, 2, 4 (1.8)
  - ANIMAL ID 2: 2, 1, 1, 2, 3 (1.8)
  - ANIMAL ID 3: 1, 1, 1, 1, 1
  - ANIMAL ID 4: 1, 2, 3, 4, 5

Musculoskeletal System
- NONE

Nervous System
- NONE

Respiratory System
- NONE

Special Senses System
- NONE

Urinary System
- NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
A ..Autolysis precludes evaluation
1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Page 7
**Experiment Number:** 88133-01  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N  
**Test Compound:** Trimethylolpropane triacrylate  
**CAS Number:** 15625-89-5  
**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 02:41:02  
**First Dose M/F:** NA / NA  
**Lab:** BAT

### Non-Neoplastic Lesions by Individual Animal

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**F 344/N Rat Male**  
**50 MG/KG**

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**Alimentary System**  
NONE

**Cardiovascular System**  
NONE

**Endocrine System**  
NONE

**General Body System**  
NONE

**Genital System**  
NONE

**Hematopoietic System**  
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**Integumentary System**

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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ ..Tissue examined microscopically  
M ..Missing tissue  
1-4 ..Lesion qualified as:  
X ..Lesion present  
A ..Autolysis precludes evaluation  
I ..Insufficient tissue  
BLANK ..Not examined microscopically  
1) Minimal  
2) Mild  
3) Moderate  
4) Marked
**Experiment Number:** 88133-01  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N

**Test Compound:** Trimethylolpropane triacrylate  
**CAS Number:** 15625-89-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 02:41:02  
**First Dose M/F:** NA / NA  
**Lab:** BAT

### F 344/N Rat Male

**50 MG/KG**

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**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
X ..Lesion present
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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
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3) Moderate  4) Marked
Experiment Number: 88133-01
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Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Trimethylolpropane triacrylate
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Date Report Requested: 10/22/2014
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*TOTALS

Alimentary System
NONE

Cardiovascular System
NONE

Endocrine System
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General Body System
NONE

Genital System
NONE

Hematopoietic System
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Integumentary System

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*..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+..Tissue examined microscopically
M..Missing tissue
X..Lesion present
A..Autolysis precludes evaluation
I..Insufficient tissue
BLANK..Not examined microscopically

1-4..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
**Experiment Number:** 88133-01  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N  

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Trimethylolpropane triacrylate  
**CAS Number:** 15625-89-5  

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 02:41:02  
**First Dose M/F:** NA / NA  
**Lab:** BAT  

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*TOTALS*

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**Musculoskeletal System**  
NONE

**Nervous System**  
NONE

**Respiratory System**  
NONE

**Special Senses System**  
NONE

**Urinary System**  
NONE

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ ..Tissue examined microscopically  
M ..Missing tissue  
1-4 ..Lesion qualified as:  
1) Minimal  
2) Mild  
3) Moderate  
4) Marked  
A ..Autolysis precludes evaluation
Experiment Number: 88133-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 10/22/2014
Time Report Requested: 02:41:02
First Dose M/F: NA / NA
Lab: BAT

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F 344/N Rat Male
200 MG/KG

ANIMAL ID
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6 7 8 9 0

*TOTALS

Alimentary System
NONE

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
NONE

Hematopoietic System
NONE

Integumentary System

Skin
+ + + + + 5
Dermis, SOA, Inflammation, Chronic Active
Epidermis, SOA, Degeneration
Epidermis, SOA, Hyperkeratosis
Epidermis, SOA, Hyperplasia
Epidermis, SOA, Inflammation, Suppurative

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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BLANK ..Not examined microscopically

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3) Moderate 4) Marked
Experiment Number: 88133-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 10/22/2014
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First Dose M/F: NA / NA
Lab: BAT

F 344/N Rat Male
200 MG/KG

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**TOTALS**

- Epidermis, SOA, Parakeratosis: 3 4 4 4 5 3.8
- SOA, Sebaceous Gland, Hyperplasia: 2 2 2 2 2 2 0
- SOA, Ulcer: 3 3 3 2 3 5 2.8

Musculoskeletal System
NONE

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

***END OF MALE DATA***
P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

**Test Compound:** Trimethylolpropane triacrylate  
**CAS Number:** 15625-89-5

**Experiment Number:** 88133-01  
**Test Type:** 14-DAY  
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**Species/Strain:** Rat/F 344/N

**Date Report Requested:** 10/22/2014  
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**First Dose M/F:** NA / NA  
**Lab:** BAT

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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically  
1-4 ..Lesion qualified as:
M ..Missing tissue  
X ..Lesion present  
A ..Autolysis precludes evaluation  
I ..Insufficient tissue  
BLANK ..Not examined microscopically  
1) Minimal  
2) Mild  
3) Moderate  
4) Marked
**Experiment Number:** 88133-01  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N

**Test Compound:** Trimethylolpropane triacrylate  
**CAS Number:** 15625-89-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 02:41:02  
**First Dose M/F:** NA / NA  
**Lab:** BAT

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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**ANIMAL ID**  
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*TOTALS*

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
X ..Lesion present
A ..Autolysis precludes evaluation
I ..Insufficient tissue
BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
1) Minimal  2) Mild  3) Moderate  4) Marked
**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Test Compound:** Trimethylolpropane triacrylate  
**CAS Number:** 15625-89-5

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**F 344/N Rat Female**  
**12.5 MG/KG**

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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically  
M ..Missing tissue  
1-4 ..Lesion qualified as:  
A ..Autolysis precludes evaluation  
1) Minimal 2) Mild  
I ..Insufficient tissue  
BLANK ..Not examined microscopically  
3) Moderate 4) Marked
Experiment Number: 88133-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 10/22/2014
Time Report Requested: 02:41:02
First Dose M/F: NA / NA
Lab: BAT

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**F 344/N Rat Female**
12.5 MG/KG

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**Musculoskeletal System**
None

**Nervous System**
None

**Respiratory System**
None

**Special Senses System**
None

**Urinary System**
None

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
1-4 ..Lesion qualified as:
X ..Lesion present
A ..Autolysis precludes evaluation
1) Minimal
I ..Insufficient tissue
2) Mild
BLANK ..Not examined microscopically
3) Moderate
4) Marked

Page 17
Experiment Number: 88133-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 10/22/2014
Time Report Requested: 02:41:02
First Dose M/F: NA / NA
Lab: BAT

Dermis, SOA, Inflammation, Chronic Active
Epidermis, SOA, Degeneration
Epidermis, SOA, Hyperkeratosis
Epidermis, SOA, Hyperplasia
Epidermis, SOA, Inflammation, Suppurative

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M ..Missing tissue
X ..Lesion present
A ..Autolysis precludes evaluation
I ..Insufficient tissue
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
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  2) Mild
  3) Moderate
  4) Marked
**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Experiment Number:** 88133-01  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N  
**Test Compound:** Trimethylolpropane triacrylate  
**CAS Number:** 15625-89-5  
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**First Dose M/F:** NA / NA  
**Lab:** BAT

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**F 344/N Rat Female**  
**25 MG/KG**

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*TOTALS*

- Epidermis, SOA, Parakeratosis: 1 2 3 2 3 5 2.2
- SOA, Sebaceous Gl, Hyperplasia: 2 2 2 2 2 5 2.0
- SOA, Ulcer: 2 1 2 1 4 1.5

**Musculoskeletal System**  
NONE

**Nervous System**  
NONE

**Respiratory System**  
NONE

**Special Senses System**  
NONE

**Urinary System**  
NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
\_ ..Missing tissue
X ..Lesion present
A ..Autolysis precludes evaluation
I ..Insufficient tissue
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
1) Minimal  3) Moderate
2) Mild      4) Marked
**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Test Compound:** Trimethylolpropane triacrylate  
**CAS Number:** 15625-89-5

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**F 344/N Rat Female**  
**50 MG/KG**

**Alimentary System**  
NONE

**Cardiovascular System**  
NONE

**Endocrine System**  
NONE

**General Body System**  
NONE

**Genital System**  
NONE

**Hematopoietic System**  
NONE

**Integumentary System**

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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
1-4 ..Lesion qualified as:
   A ..Autolysis precludes evaluation
   1) Minimal
   2) Mild
   3) Moderate
   4) Marked
   5) Severe
X ..Lesion present
I ..Insufficient tissue
BLANK ..Not examined microscopically
Experiment Number: 88133-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 10/22/2014
Time Report Requested: 02:41:02
First Dose M/F: NA / NA
Lab: BAT

F 344/N Rat Female
50 MG/KG

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*TOTALS

Epidermis, SOA, Parakeratosis 2 3 4 4 2 5 3.0
SOA, Sebaceous Gl, Hyperplasia 2 2 2 2 3 5 2.2
SOA, Ulcer 3 3 4 3 3 5 3.2

Musculoskeletal System
NONE

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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**Experiment Number:** 88133-01  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Rat/F 344/N

**Test Compound:** Trimethylolpropane triacrylate  
**CAS Number:** 15625-89-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 02:41:02  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**F 344/N Rat Female**  
**100 MG/KG**

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*TOTALS*

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**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

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X ..Lesion present  
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BLANK ..Not examined microscopically  
1) Minimal  3) Moderate  
2) Mild  4) Marked
Experiment Number: 88133-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 10/22/2014
Time Report Requested: 02:41:02
First Dose M/F: NA / NA
Lab: BAT

F 344/N Rat Female
100 MG/KG

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ANIMAL ID

Epidermis, SOA, Parakeratosis 3 3 3 3 3 5 3.0
SOA, Sebaceous Gl, Hyperplasia 2 3 2 2 2 5 2.2
SOA, Ulcer 3 3 3 2 2 5 2.6

Musculoskeletal System
NONE

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

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*TOTALS

Alimentary System
NONE

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
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Hematopoietic System
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 1) Minimal
 2) Mild
 3) Moderate
 4) Marked
F 344/N Rat Female
200 MG/KG

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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**END OF REPORT**