



# Material Safety Data Sheet



## ROYCO 756 MIL-PRF-5606H

Version: 1.5

Revision Date: 06/17/2013

Print Date: 01/23/2014

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ROYCO 756 MIL-PRF-5606H

Product Use Description: Lubricant

Chemical nature: Lubricant

Company: Manufacturer  
Anderol Specialty Lubricants, a division of Chemtura Corporation  
215 Merry Lane  
East Hanover, NJ  
07936  
United States of America  
  
Telephone: 973-887-7410

Emergency telephone number: CHEMTREC: (24 hours) 800-424-9300  
:  
: 703-527-3887

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by: Product Safety Department  
(US) +1 866-430-2775  
06/17/2013  
  
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### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### Caution

Form: liquid      Colour: red      Odour: aromatic

Hazard Summary : May cause eye irritation.  
May cause skin irritation.

OSHA Hazards : NO OSHA HAZARDS

#### Potential Health Effects



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Primary Routes of Entry : Skin contact  
Eye contact

Aggravated Medical Condition : Dermatitis

Inhalation : May cause respiratory tract irritation.

Skin : May cause skin irritation.

Eyes : May cause eye irritation.

Ingestion : May cause:  
Diarrhoea  
Aspiration hazard if swallowed - can enter lungs and cause damage.

Symptoms of Overexposure : Aspiration may cause pulmonary oedema and pneumonitis.

### Carcinogenicity:

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous components

Component / CAS-No.	Weight percent
Distillates (petroleum), hydrotreated light naphthenic 64742-53-6	59.5727 >= 30 - < 60 %
Distillates (petroleum), hydrotreated middle 64742-46-7	20 >= 10 - < 30 %
1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated 68649-12-7	1.5 >= 1 - < 5 %

## SECTION 4. FIRST AID MEASURES

### First aid procedures

Inhalation : If inhaled  
Move to fresh air.  
If not breathing, give artificial respiration.  
If breathing is difficult, give oxygen.  
In case of bluish discoloration (lips, ear lobes, fingernails), give oxygen as quickly as possible.



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Call a physician or poison control centre immediately.

Skin contact : In case of skin contact  
Wash off with soap and water.  
Remove contaminated clothing and shoes.  
Wash contaminated clothing before re-use.  
Get medical attention if irritation develops and persists.

Eye contact : In case of eye contact  
Flush with plenty of water.  
If eye irritation persists, consult a specialist.

Ingestion : If swallowed, DO NOT induce vomiting.  
Call a physician or poison control centre immediately.

### Notes to physician

Symptoms : Aspiration may cause pulmonary oedema and pneumonitis.

Treatment : For specialist advice physicians should contact the Poisons Information Service.

## SECTION 5. FIREFIGHTING MEASURES

### Flammable properties

Flash point : > 199.9 °F (93.3 °C)  
Method: ASTM D 93

Ignition temperature : Remarks: no data available

Lower explosion limit : Remarks: no data available

Upper explosion limit : Remarks: no data available

### Fire fighting

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Dry powder  
Foam  
Alcohol-resistant foam  
Water mist

Unsuitable extinguishing media : Water

Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use a water spray to cool fully closed containers.

### Protective equipment and precautions for firefighters

Specific hazards during firefighting : Burning produces noxious and toxic fumes.

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.



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for firefighters

Use personal protective equipment.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.  
Ensure adequate ventilation.
- Environmental precautions : Do not contaminate water.  
Do not flush into surface water or sanitary sewer system.  
Discharge into the environment must be avoided.
- Methods for containment /  
Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
- Additional advice : Clean contaminated surface thoroughly.  
Material can create slippery conditions.

### SECTION 7. HANDLING AND STORAGE

#### Handling

Handling procedures : Keep container closed when not in use.

#### Storage

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

#### Components with workplace control parameters

Components / CAS-No.	Value / Basis / Update	Control parameters	Further information
Distillates (petroleum), hydrotreated light naphthenic 64742-53-6	TWA OSHA Z-1 2011-07-01	5 mg/m <sup>3</sup>	
	TWA ACGIH 2010-03-01	5 mg/m <sup>3</sup>	
	TWA OSHA P0 1989-01-19	5 mg/m <sup>3</sup>	
	TWA	5 mg/m <sup>3</sup>	



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	NIOSH REL 2005-09-01		
	ST NIOSH REL 2005-09-01	10 mg/m3	
Distillates (petroleum), hydrotreated middle 64742-46-7	TWA OSHA Z-1 2007-01-01	500 ppm 2,000 mg/m3	
	TWA OSHA Z-1 2011-07-01	5 mg/m3	
	TWA OSHA P0 1989-01-19	400 ppm 1,600 mg/m3	
	TWA OSHA P0 1989-01-19	5 mg/m3	
	TWA NIOSH REL 2005-09-01	5 mg/m3	
	ST NIOSH REL 2005-09-01	10 mg/m3	
1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated 68649-12-7	TWA OSHA Z-1 2011-07-01	5 mg/m3	
	TWA OSHA P0 1989-01-19	5 mg/m3	
	TWA NIOSH REL 2005-09-01	5 mg/m3	
	ST NIOSH REL	10 mg/m3	



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2005-09-01

### Engineering measures

Engineering measures : Ensure that eyewash stations and safety showers are close to the workstation location.  
Effective exhaust ventilation system

### Personal protective equipment

Eye protection : Safety glasses with side-shields  
or  
Tightly fitting safety goggles

Hand protection : Neoprene gloves

Skin and body protection : impervious clothing

Respiratory protection : not required under normal use  
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures : Avoid contact with skin, eyes and clothing.  
Handle in accordance with good industrial hygiene and safety practice.  
Wash hands before breaks and at the end of workday.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form : liquid  
Colour : red  
Odour : aromatic

### Safety data

Flash point : > 199.9 °F (93.3 °C)  
Method: ASTM D 93  
Ignition temperature : Remarks: no data available  
Lower explosion limit : Note: no data available  
Upper explosion limit : Note: no data available  
pH : Note: not applicable



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Pour point : < -76 °F (-60 °C)  
Vapour pressure : no data available  
Specific Gravity : ca. 0.86 at  
Viscosity, kinematic : 13.9 mm<sup>2</sup>/s  
at 104 °F (40 °C)

### SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: Heat, flames and sparks.  
Contamination  
Materials to avoid : Remarks: Strong acids and strong bases  
Oxidizing agents  
Hazardous decomposition products : Note: Carbon oxides  
Hazardous reactions : Hazardous polymerisation does not occur.  
Note: Stable under normal conditions.

### SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : Remarks: Not classified due to lack of data.  
Acute inhalation toxicity : Remarks: Not classified due to lack of data.  
Acute dermal toxicity : LD50: > 2,000 mg/kg  
1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated : Species: rat  
Remarks: Information given is based on data obtained from similar substances.  
Skin irritation : Remarks: Not classified due to lack of data.  
Eye irritation : Remarks: Not classified due to lack of data.  
Sensitisation : Remarks: Not classified due to lack of data.  
Aspiration toxicity : May be fatal if swallowed and enters airways.

#### Toxicology Assessment

CMR effects : Carcinogenicity:



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Not classified due to lack of data.  
Mutagenicity:  
Not classified due to lack of data.  
Reproductive toxicity:  
Not classified due to lack of data.

Further information : No data is available on the product itself.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects**

Toxicity to fish :  
Remarks:  
no data available

Toxicity to daphnia and other aquatic invertebrates  
1-Decene, tetramer, mixed : EC50: 190 mg/l  
with 1-decene trimer, Exposure time: 48 h  
hydrogenated Species: Daphnia magna (Water flea)

**Elimination information (persistence and degradability)**

Bioaccumulation : Remarks:  
no data available

Mobility : Remarks:  
no data available

Biodegradability : Result: no data available

**Further information on ecology**

**Ecotoxicology Assessment**

Results of PBT assessment  
This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).  
Additional ecological : The product itself has not been tested.  
information

**SECTION 13. DISPOSAL CONSIDERATIONS**

Further information : Dispose of waste material in compliance with all federal, state, and local regulations.

Contaminated packaging : Do not burn, or use a cutting torch on, the empty drum.



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### SECTION 14. TRANSPORT INFORMATION

**DOT**

Not dangerous goods

**TDG**

Not dangerous goods

**IATA**

Not dangerous goods

**IMDG**

Not dangerous goods

**RID**

Not dangerous goods

### SECTION 15. REGULATORY INFORMATION

**OSHA Hazards** : No OSHA Hazards

**CERCLA Reportable Quantity** :  
xylene 1330-20-7 100 lbs

**SARA 302 Reportable Quantity** :

**SARA 311/312 Hazards** : No SARA Hazards

#### EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

**SARA 302 Reportable Quantity** :

**SARA 304 Components** : This material does not contain any components with a section 304 EHS RQ.

**California Prop. 65 Components** : WARNING! This product contains a chemical known to the State of California to cause cancer.

Formaldehyde

50-00-0  
Formaldehyde

**The components of this product are reported in the following inventories:**

**US.TSCA** On TSCA Inventory



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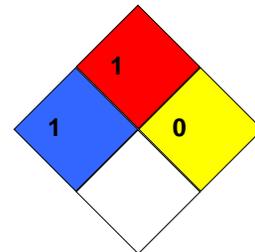
<b>DSL</b>	All components of this product are on the Canadian DSL list.
<b>AICS</b>	On the inventory, or in compliance with the inventory
<b>NZIoC</b>	Not in compliance with the inventory
<b>ENCS</b>	On the inventory, or in compliance with the inventory
<b>KECI</b>	On the inventory, or in compliance with the inventory
<b>PICCS</b>	On the inventory, or in compliance with the inventory
<b>IECSC</b>	On the inventory, or in compliance with the inventory

### SECTION 16. OTHER INFORMATION

#### Further information

**HMIS Classification** : Health hazard: 1  
Flammability: 1  
Physical hazards: 0  
PPI: Ask supervisor or safety specialist for handling instructions

**NFPA Classification** : Health hazard: 1  
Fire Hazard: 1  
Reactivity Hazard: 0



Other Emergency Phone Number



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<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
<u>Mexico:</u>		+52 555 004 8763

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