Material Safety Data Sheet

ROYCO 808 MIL-PRF-7808L

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ROYCO 808 MIL-PRF-7808L
Product Use Description: 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
03/07/2013
MSDSRequest@chemtura.com

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION!

Form: liquid  Colour: clear  Odour: mild

Hazard Summary: May cause eye and skin irritation.
May impair fertility.
May cause harm to the unborn child.
Do not handle until all safety precautions have been read and understood.

OSHA Hazards: REPRODUCTIVE HAZARD

Potential Health Effects
Primary Routes of Entry: Eye contact
Skin contact

Aggravated Medical Condition:
Inhalation: May cause respiratory tract irritation.

Skin: May cause skin irritation. Prolonged or repeated contact may dry skin and cause irritation.

Eyes: May cause eye irritation.

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

Chronic Exposure: May impair fertility. May cause harm to the unborn child.

Symptoms of Overexposure: No information available.

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

<table>
<thead>
<tr>
<th>Component / CAS-No.</th>
<th>Weight percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>tris(methylphenyl) phosphate</td>
<td>&gt;= 1 - &lt; 5 %</td>
</tr>
<tr>
<td>1330-78-5</td>
<td></td>
</tr>
</tbody>
</table>

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.
If symptoms persist, call a physician.
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
Rinse thoroughly with plenty of water, also under the eyelids.
If eye irritation persists, consult a specialist.

Ingestion : If swallowed, DO NOT induce vomiting.
Consult a physician if necessary.

Notes to physician
Symptoms : No information available.
Treatment : No information available.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties
Flash point : > 410 °F (> 210 °C)
Method: open cup

Ignition temperature : Remarks: not determined

Lower explosion limit : Remarks: no data available

Upper explosion limit : Remarks: no data available

Fire fighting
Suitable extinguishing media : Carbon dioxide (CO2)
Dry powder
Foam
Alcohol-resistant foam
Water mist

Unsuitable extinguishing media : Water

Further information : In the event of fire, cool tanks with water spray.

Protective equipment and precautions for firefighters
Specific hazards during firefighting : Burning produces noxious and toxic fumes.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions : Should not be released into the environment. Do not contaminate water. Do not flush into surface water or sanitary sewer system.

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 : Forms slippery/greasy layers with water.

SECTION 7. HANDLING AND STORAGE

Handling
Handling procedures : Handle in accordance with good industrial hygiene and safety practice. Keep container closed when not in use. Do not use pressure to empty drums. Ensure all equipment is electrically grounded before beginning transfer operations.

Storage
Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
Other data : Stable under recommended storage conditions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

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

Personal protective equipment
Eye protection : Safety glasses with side-shields Tightly fitting safety goggles
Hand protection : Neoprene gloves
Skin and body protection: impervious clothing

Respiratory protection: Breathing apparatus needed only when aerosol or mist is formed. In the case of vapour formation use a respirator with an approved filter.

Hygiene measures: Avoid contact with skin, eyes and clothing. Provide adequate ventilation. Do not breathe dust or spray mist.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Form: liquid
Colour: clear
Odour: mild

Safety data
Flash point: > 410 °F (> 210 °C)
   Method: open cup
Ignition temperature: Remarks: not determined
Lower explosion limit: Note: no data available
Upper explosion limit: Note: no data available
pH: Note: not applicable
Boiling point/boiling range: Note: no data available
Vapour pressure: no data available
Specific Gravity: 0.95
Water solubility: Note: slightly soluble

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid: Remarks: Heat.
Materials to avoid: Remarks: Strong acids and strong bases
Hazardous decomposition products: Note: Carbon oxides
Hazardous reactions: Hazardous polymerisation does not occur.
SECTION 11. TOXICOLOGICAL INFORMATION

Aspiration toxicity : No aspiration toxicity classification

CMR effects
tris(methylphenyl) phosphate : Carcinogenicity: Animal testing did not show any carcinogenic effects.
Mutagenicity: In vitro tests did not show mutagenic effects
Teratogenicity: Did not show teratogenic effects in animal experiments.
Reproductive toxicity: Suspected of damaging fertility or the unborn child.

Further information : There is no data available for this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish :
Remarks:
no data available

Toxicity to daphnia and other aquatic invertebrates :
Remarks:
no data available

Toxicity to algae :
Remarks:
no data available

Toxicity to bacteria
tris(methylphenyl) phosphate :
EC50: > 100 mg/l
Exposure time: 3 h
Species: activated sludge
Respiration inhibition
Method: OECD Test Guideline 209

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 substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

Additional ecological information: There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Further information: In accordance with local and national regulations.
Contaminated packaging: Do not burn, or use a cutting torch on, the empty drum.

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: Reproductive hazard

CERCLA Reportable Quantity:

cresol 1319-77-3 100 lbs

cresol 1319-77-3 100 lbs

SARA 302 Reportable Quantity:

SARA 311/312 Hazards: Chronic Health Hazard

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

SARA 302 Reportable Quantity:

aniline 62-53-3 1000 lbs

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.

aniline 62-53-3 aniline

The components of this product are reported in the following inventories:
US.TSCA On TSCA Inventory

DSL All components of this product are on the Canadian DSL list.

NZIoC On the inventory, or in compliance with the inventory

KECI On the inventory, or in compliance with the inventory

IECSC On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

HMIS Classification: Health hazard: 1
Chronic Health Hazard: *
Flammability: 1
Reactivity: 0
PPI: Ask supervisor or safety specialist for handling instructions
Material Safety Data Sheet

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Version: 1.3   Revision Date: 03/07/2013   Print Date: 09/18/2013

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

Other Emergency Phone Number

<table>
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<tr>
<th>Latin America:</th>
<th>Brazil</th>
<th>+55 113 711 9144</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>All other countries</td>
<td>+44 (0) 1235 239 670</td>
</tr>
<tr>
<td>Mexico:</td>
<td></td>
<td>+52 555 004 8763</td>
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.