SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ROYCO 363 MIL-PRF-7870D
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
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10/03/2012
MSDSRequest@chemtura.com

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION!

Form: liquid       Colour: light yellow       Odour: mild

Hazard Summary: May cause eye and skin irritation.

OSHA Hazards: NO OSHA HAZARDS

Potential Health Effects

Primary Routes of Entry: Eye contact
Skin contact
Aggravated Medical Condition
- Skin disorders
- 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.

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
No ingredients are hazardous according to OSHA criteria.

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**: 325 °F (163 °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
Contains no substances with occupational exposure limit values.

Engineering measures

Personal protective equipment
Eye protection: Safety glasses with side-shields
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: light yellow
Odour: mild

Safety data
Flash point: 325 °F (163 °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
Vapour pressure: no data available
Specific Gravity: 0.88
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

Acute inhalation toxicity: Remarks: Not classified due to lack of data.
Acute dermal toxicity: Remarks: Not classified due to lack of data.
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.

Toxicology Assessment

CMR effects : Carcinogenicity: 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 : 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

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.
 : Harmful to aquatic life with long lasting effects.
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: No OSHA Hazards

CERCLA Reportable Quantity:

SARA 302 Reportable Quantity:

SARA 311/312 Hazards: No SARA Hazards

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SARA 302 Reportable Quantity:

SARA 304 Components: This material does not contain any components with a section 304 EHS RQ.
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.
- **AICS**: On the inventory, or in compliance with the inventory
- **NZIoC**: On the inventory, or in compliance with the inventory
- **ENCS**: On the inventory, or in compliance with the inventory
- **KECI**: On the inventory, or in compliance with the inventory
- **PICCS**: 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
- Flammability: 1
- Reactivity: 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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<th>Region</th>
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<tr>
<td>Latin America:</td>
<td>Brazil</td>
<td>+55 113 711 9144</td>
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<tr>
<td></td>
<td>All other countries</td>
<td>+44 (0) 1235 239 670</td>
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<tr>
<td>Mexico:</td>
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<td>+52 555 004 8763</td>
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