



Material Safety Data Sheet



ROYCO 885 MIL-PRF-6085E

Version: 1.2

Revision Date: 03/06/2012

Print Date: 11/19/2014

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ROYCO 885 MIL-PRF-6085E

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

03/06/2012

MSDSRequest@chemtura.com

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION!

Form: liquid Colour: amber Odour: mild

Hazard Summary : Causes eye and skin irritation.
May be harmful if swallowed.

OSHA Hazards : IRRITANT

Potential Health Effects

Primary Routes of Entry : Eye contact



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Skin contact

Aggravated Medical Condition

: Skin disorders

Inhalation

: May cause respiratory tract irritation.

Skin

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

Eyes

: Causes 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

Component / CAS-No.	Weight percent
barium bis(dinonylnaphthalenesulphonate) 25619-56-1	< 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.
If symptoms persist, call a physician.

Skin contact

: In case of skin contact
Wash off with soap and water.
Remove contaminated clothing and shoes.



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- 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.
- Risks : No information available.
- Treatment : No information available.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties

- Flash point : 441 °F (227 °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 : No information available.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.



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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

We are not aware of any national exposure limit.
Contains no substances with occupational exposure limit values.

Engineering measures

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. |



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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 : amber
Odour : mild

Safety data

Flash point : 441 °F (227 °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 : Note: no data available
Specific Gravity : 0.92 at
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 oral toxicity :
Remarks: Not classified due to lack of data.



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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.

Aspiration toxicity : No aspiration toxicity classification

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish :
Remarks:
no data available

Elimination information (persistence and degradability)

Bioaccumulation : Remarks:
no data available

Mobility : Remarks:
no data available

Biodegradability : Remarks:
no data available

Further information on ecology

Ecotoxicology Assessment



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Results of PBT assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

Additional ecological information : The product itself has not been tested.

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 : Irritant

CERCLA Reportable Quantity :

SARA 302 Reportable Quantity :

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 Reportable Quantity :

SARA 304 Components : formaldehyde (Solution) 50-00-0 500 lbs
This material does not contain any components with a section 304 EHS RQ.

SARA 313 Components : barium bis(dinonylnaphthalenesulphonate) 25619-56-1



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Pennsylvania Right To Know Components : bis(2-ethylhexyl) sebacate 122-62-3

New Jersey Right To Know Components : bis(2-ethylhexyl) sebacate 122-62-3
barium bis(dinonylnaphthalenesulphonate) 25619-56-1
Proprietary Dioctyl Sebacate 122-62-3
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene 68411-46-1

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

Formaldehyde

50-00-0
formaldehyde
(Solution)

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

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



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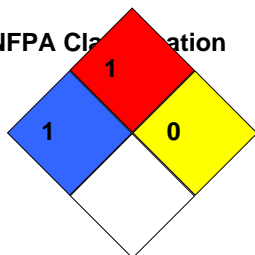
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NFPA Classification



: Health hazard: 1
Fire Hazard: 1
Reactivity Hazard: 0

Other Emergency Phone Number

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

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.