



# ROYCO HF-825

Version: 1.0

Revision Date: 11/11/2009

Print Date: 09/12/2011

Before handling or using, read and understand the current Material Safety Data Sheet for this product.

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ROYCO HF-825

Product Use Description: Lubricant

Company: Anderol Specialty Lubricants, a division of Chemtura Corporation  
215 Merry Lane  
East Hanover, NJ  
07936  
United States of America

Emergency telephone: (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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## SECTION 2. HAZARDS IDENTIFICATION

### Emergency Overview

**CAUTION!!**

Form: liquid

May cause eye and skin irritation.

### OSHA Hazards:

THIS MATERIAL IS NOT HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29CFR 1910.1200.

### Potential Health Effects

Primary Routes of Entry : Eye contact  
Skin contact

Aggravated Medical Condition : Skin disorders



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- 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.

## **SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS**

**Note:** No ingredients are hazardous according to HCS 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.

**SECTION 5. FIRE-FIGHTING MEASURES****Flammable properties**

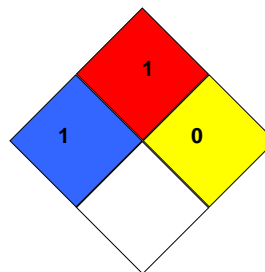
- Lower explosion limit :  
Remarks: no data available
- Upper explosion limit :  
Remarks: no data available

**Protective equipment and precautions for firefighters**

- Suitable extinguishing media : Carbon dioxide (CO2)  
Dry powder  
Foam  
Alcohol-resistant foam  
Water mist
- Unsuitable extinguishing media : Water
- Hazardous decomposition products : Carbon oxides
- Further information : In the event of fire, cool tanks with water spray.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.

**Further information**

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

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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



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- 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

- Advice on safe handling : 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**

### **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

#### **Safety data**

Ignition temperature : Remarks: not determined

Lower explosion limit : no data available

Upper explosion limit : no data available

pH : not applicable

Vapour pressure : no data available

Water solubility : slightly soluble

### **SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid : Heat.

Materials to avoid : Strong acids and strong bases

Hazardous decomposition products : Type: Hazardous decomposition products  
Carbon oxides

Hazardous reactions : polymerisation  
Hazardous polymerisation does not occur.

Note : Stable under recommended storage conditions.



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### **SECTION 11. TOXICOLOGICAL INFORMATION**

No data is available on the product itself.

### **SECTION 12. ECOLOGICAL INFORMATION**

No information on ecology is available.

### **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

#### **Note:**

Not classified as dangerous in the meaning of transport regulations.



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## SECTION 15. REGULATORY INFORMATION

**OSHA Hazards** : This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

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

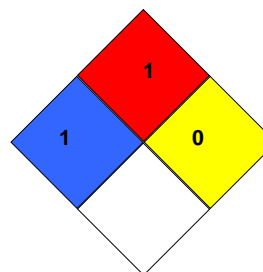
**The components of this product are reported in the following inventories:**

**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  
**KECI** : On the inventory, or in compliance with the inventory

## SECTION 16. OTHER INFORMATION

### Further information

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



**HMIS Classification** : Health hazard: 1  
Flammability: 1  
Reactivity: 0

### Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+52 113 711 91 44
	All other countries	+44 (0)208 762 8322
<u>Mexico:</u>		+52 555 004 87 63



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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.