



Material Safety Data Sheet

ROYCO 950 MIL-PRF-7024E TYPE II

Version: 1.1

Revision Date: 06/01/2010

Print Date: 07/03/2012

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *ROYCO 950 MIL-PRF-7024E TYPE II*

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: 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

+011-886-2-2712-5668 MSDSRequest@chemtura.com

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING!

Form: liquid Colour: clear Odour: hydrocarbon-like

Hazard Summary : Flammable.
Causes eye and skin irritation.

OSHA Hazards : THIS MATERIAL IS HAZARDOUS UNDER THE CRITERIA OF
THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD
29CFR 1910.1200.



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Potential Health Effects

- Primary Routes of Entry : Eye contact
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.
- Chronic Exposure : Long term exposure may cause effects in the following:
Eyes
Respiratory Tract
Central nervous system
Kidney

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

| Component | CAS-No. | Weight percent |
|------------------|-----------|----------------|
| Stoddard solvent | 8052-41-3 | <= 100 % |

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.



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- 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

- Flash point : 104 °F (40 °C)
- 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 fire fighting : Do not use a solid water stream as it may scatter and spread fire.
Burning produces irritant fumes.
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for fire-fighters : 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.



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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 : Remove all sources of ignition.
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 away from sources of ignition - No smoking.
Take precautionary measures against static discharges.
Ensure all equipment is electrically grounded before beginning transfer operations.
Do not use pressure to empty drums.
Keep container closed when not in use.

Storage

- Requirements for storage areas and containers : Flammable.
Keep away from heat and sources of ignition.
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

Components with workplace control parameters

| Components / CAS-No. | Value / Basis / Update | Control parameters | Further information |
|-------------------------------|----------------------------|------------------------|---------------------|
| Stoddard solvent 8052-41-3 | TWA ACGIH 2007-01-01 | 100 ppm | |
| | TWA OSHA P1 | 500 ppm 2,900 mg/m3 | |



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| | | | |
|--|------------|-----------|--|
| | 1997-08-04 | | |
| | TWA | 100 ppm | |
| | OSHA P0 | 525 mg/m3 | |
| | 1989-01-19 | | |

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.
- 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 : hydrocarbon-like

Safety data

- Flash point : 104 °F (40 °C)
- Ignition temperature : Remarks: not determined
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available
- pH : Note: not applicable



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Boiling point/boiling range : Note: no data available

Vapour pressure : Note: no data available

Specific Gravity : 0.77 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

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

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional 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

UN-Number : 1268

Description of the goods : Petroleum distillates, n.o.s.
: (Stoddard Solvent)



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Class : 3
Packing group : III
ERG Code : 128

IATA

UN-Number : 1268
Description of the goods : Petroleum distillates, n.o.s.
(Stoddard Solvent)

Class : 3
Packing group : III

IMDG

UN-Number : 1268
Description of the goods : PETROLEUM DISTILLATES, N.O.S.
(Stoddard Solvent)

Class : 3
Packing group : III
EmS Letter 1 : F-E
EmS Letter 2 : S-E

Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

SARA 311/312 Hazards : Fire Hazard
Acute Health Hazard
Chronic Health Hazard

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

REACH This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH).



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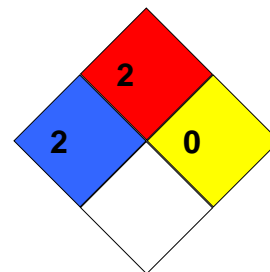
| | |
|--------------|--|
| TSCA | On TSCA Inventory |
| DSL | All components of this product are on the Canadian DSL list. |
| AICS | On the inventory, or in compliance with the inventory |
| NZIoC | On the inventory, or in compliance with the inventory |
| ENCS | On the inventory, or in compliance 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: 2
Flammability: 2
Reactivity: 0

NFPA Classification : Health hazard: 2
Fire Hazard: 2
Reactivity Hazard: 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.