

# MATERIAL SAFETY DATA SHEET - KLEAR-O-LINE<sup>®</sup> AEROSOL

MSDS0250  
Ver. No.1  
Ver. Date August 31, 2000

## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME** Klear-O-Line<sup>™</sup> Aerosol  
**PRODUCT CODE:** 68422  
**CHEMICAL FAMILY:** Organic  
**USE:** Petroleum Line Cleaner  
**MANUFACTURER / SUPPLIER**  
RectorSeal  
2601 Spenwick  
Houston, Texas 77055 USA

### **EMERGENCY TELEPHONE NUMBERS:**

Chemtrec 24 hours: (800) 424-9300  
RectorSeal: (713) 263-8001

### **NON EMERGENCY TELEPHONE NUMBERS:**

Technical Service: (800) 231-3345

## SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS NO.</u>	<u>APPRO</u> <u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>HMIS</u>	<u>NFPA</u>
Glycol Ether	111-76-2	1-15	25 ppm	25 PPM	N/D	H2,F2,R0	H2,F2,R0
Solvent Naptha	64742-94-5	75-85	N/D	N/D	N/D	N/D	N/D
Isopropyl Alcohol	67-63-0	5-10	400 ppm	400 ppm	STEL 500	H1,F3,R0	H1,F3,R0

## SECTION 3 HAZARDS IDENTIFICATION

### **SUMMARY OF ACUTE HAZARDS**

Repeated inhalation may cause dizziness, nausea and CNS effects. Contact with eyes will cause severe irritation.

### **ROUTE OF EXPOSURE**

#### **INHALATION:**

### **SIGNS AND SYMPTOMS**

Inhalation of high concentrations may cause central nervous system effects characterized by headache, dizziness, drowsiness, and nausea.

#### **EYE CONTACT:**

Contact with eyes will cause severe irritation.

#### **SKIN CONTACT:**

Prolonged exposure may cause skin irritation.

#### **INGESTION:**

May cause irritation of the digestive tract. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, and nausea.

### **PRIMARY ROUTE(S)**

Yes

Yes

Yes

No

**SUMMARY OF CHRONIC HAZARDS:** Prolonged or repeated skin contact may cause dermatitis.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

## SECTION 4 FIRST AID MEASURES

### **INHALATION:**

Remove to fresh air; administer oxygen, or artificial respiration if needed. Seek immediate medical attention.

### **EYE CONTACT:**

Immediately flush with large amounts of water for at least 15 minutes. Get prompt medical attention.

### **SKIN CONTACT:**

Wash with soap and water. If irritation occurs, seek medical attention.

### **INGESTION:**

If swallowed, call a physician or poison control immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

## SECTION 5 FIRE FIGHTING MEASURES

**FLASH POINT:** Negative Flame Extension, (NFPA) Level 1 Aerosol, 105°F (41°C) SETA CC, **FLAMMABILITY LIMITS:** LEL: N/D UEL: N/D

**EXTINGUISHING MEDIA:** Foam, dry chemical, CO<sub>2</sub>, or water fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full face piece breathing apparatus and other protective clothing. Evacuate immediate area. Dike fire control area as run-off may create additional fire hazard and environmental contamination. Cool heat exposed containers with water. If spill or leak has not ignited, use water spray to disperse vapors.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Aerosol cans are under pressure – exposure to temperatures above 120°F can cause bursting or “rocketing” of cans. Firefighters should use self-contained respiratory protection in building or confined space.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Use absorbent materials to prevent footing hazard and to contain.

Ventilate area with forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

## SECTION 7 STORAGE AND HANDLING

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Shake well before using. Keep away from heat and open flames. Prolonged exposure to direct sunshine or storage above 120°F may cause can to burst. Do not puncture or incinerate can.

**OTHER PRECAUTIONS:** Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues and vapors; treat as if full and observe all product precautions. Do not reuse empty containers. **KEEP OUT OF REACH OF CHILDREN.**

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## **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION (SPECIFY TYPE):** Normally none required. For clean up in confined poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators.

**VENTILATION – LOCAL EXHAUST:** Acceptable

**MECHANICAL (GENERAL):** Preferable

**SPECIAL:** N/A

**OTHER:** N/A

**PROTECTIVE GLOVES:** Natural rubber or neoprene.

**EYE PROTECTION:** Chemical splash goggles (ANSI Z-87.1 or equivalent).

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Coveralls recommended.

**WORK/HYGIENIC PRACTICES:** Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**BOILING POINT:** N/D

**VAPOR PRESSURE (mm Hg):** N/D

**VAPOR DENSITY (AIR = 1):** >1

**SOLUBILITY IN WATER:** Insoluble

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.23

**MELTING POINT:** N/A

**EVAPORATION RATE (ETHYL ACETATE = 1):** > 1

**APPEARANCE/ODOR:** Clear liquid / Petroleum Odor

## **SECTION 10 STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Heat, sparks, open flames, strong oxidants and incompatible materials.

**INCOMPATIBILITY (MATERIALS TO AVOID):** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, fragmented hydrocarbons.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## **SECTION 11 TOXICOLOGY INFORMATION**

**CARCINOGENICITY:**

**NTP:** No

**IARC MONOGRAPHS:** No

**OSHA REGULATED:** No

### **SUBSTANCE**

Glycol Ether  
Solvent Naptha  
Isopropyl Alcohol

### **LD50**

Oral-Rat LD50:470 mg/kg  
N/D  
Oral-Rat LD50:5045 mg/kg

### **LC50**

Inhalation-Rat TCLo:200 ppm/6H  
N/D  
Inhalation-Rat LCLo:16,000 ppm/4H

## **SECTION 12 ECOLOGICAL INFORMATION**

### **SUBSTANCE**

Glycol Ether  
Solvent Naptha  
Isopropyl Alcohol

### **FOOD CHAIN CON POTENTIAL**

None  
N/D  
None

### **WATERFOWL TOXICITY**

N/A  
N/D  
N/A

### **BOD**

26%  
N/D  
133%

### **AQUATIC TOXICITY**

1000 ppm/24 hr/brine shrimp/TLm  
N/D  
900–1100 ppm/24 hr/chub/critical range

## **SECTION 13 DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Dispose of clean up materials and liquid waste in accordance with all local, state and federal regulations.

NOTE – DO NOT INCINERATE AEROSOL CANS

## **SECTION 14 TRANSPORTATION INFORMATION**

**DOT:** Consumer Commodity ORM-D

**OCEAN (IMDG):** Aerosols, 2.2, UN1950, EMS#2-13, MFAG#620

**AIR (IATA):** Aerosols, 2.2, UN1950, ERG#126

**WHMIS (CANADA):** Class A

## **SECTION 15 REGULATORY INFORMATION**

### **SUBSTANCE**

Glycol Ether  
Solvent Naptha  
Isopropyl Alcohol

### **SARA 313**

Yes  
No  
No

### **TSCA INVENTORY**

Yes  
Yes  
Yes

### **CERCLA RQ**

N/A  
N/A  
N/A

### **RCRA CODE**

N/A  
N/A  
N/A

## **SECTION 16 OTHER INFORMATION**

This document is prepared pursuant to the OSHA Hazardous Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, express or implied is made. Consult RectorSeal for further information: (713) 263-8001