

MATERIAL SAFETY DATA SHEET

Copper Harbor Company, Inc.

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Date Prepared: 5/29/03
Date Printed: 9/12/03
MSDS No.: 3148-01Product: **G.A.I.CUTTING OIL**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Material Identity**

Product Name: G.A.I. CUTTING OIL

Product Code:

General or Generic ID:

CompanyCopper Harbor Company, Inc.
2250 Davis Street
San Leandro, CA 94577-2204
510-639-4670**Emergency Telephone Number:**

1-800-451-8346

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No. Chemical Identity: Common Name(s)

107-21-1 ETHYLENE GLYCOL

111-46-6 DIETHYLENE GLYCOL

7732-18-5 Water

This chemical is subject to the reporting requirements of Section 313 of SARA Title 110.

3. HAZARDS IDENTIFICATION**Potential Health Effects**

Eye: Data N/A

Skin:

Effect on lungs and kidneys.

Swallowing:

Effect on lungs thorax or respiration.

Inhalation:

Pulmonary edema.

Medical Conditions Generally Aggravated By Exposure:

Pre-existing lung conditions. Pre-existing urinary conditions.

4. FIRST AID MEASURES

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Inhalation:

If respiratory symptoms or other symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention.

Ingestion:

If conscious, give large quantities of water. **CALL PHYSICIAN AT ONCE.**

Eyes:

Lavage for 15 minutes. Call physician immediately.

Skin:

Remove contaminated clothing and flush affected area(s) with large amounts water.

Note To Physician:

Delayed pulmonary edema may occur.

5. FIRE FIGHTING MEASURES

Flash Point: 245F (give method) : TCC(after product evaporates to 50% of original volume.)

Extinguishing Media:

CO₂, dry chemical, foam, water fog. Not incompatible with usual media.

SPECIAL FIRE-FIGHTING PROCEDURES:

Fire-fighters must use class B extinguishers. Water may be used to cool sealed cans and to protect firefighters.

NFPA CODES: Not Determined

6. PRECAUTIONS FOR SAFE HANDLING AND USE**Steps To Be Taken In Case Material Is Released Or Spilled:**

Hazardous concentrations in air may be found in local spill area and immediately downwind.

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Product: **G.A.I.CUTTING OIL****Spill response procedures:**

Combustible, keep all sources of ignition away from spill. Stay upwind and away from spill. Isolate hazard area and limit entry to authorized personnel. Stop spill if it can be done without risk. Wear appropriate protective equipment including respiratory protection as conditions warrant. Wear respirator with organic vapor canisters. Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems and natural waterways. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed into an appropriate absorbent material. Notify fire authorities and appropriate federal, state and local agencies. Clean up immediately.

7. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Ventilation and engineering controls: Must be calibrated for air flow and removal of standard contaminant from workplace air.

Other handling and storage requirements: Store product in tightly sealed containers in cool and dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Respiratory Protection:**

Use in a well-ventilated area only.

Ventilation:

Local Exhaust: Necessary

Special: Not Determined

Mechanical (general): Recommended when used indoors or a prolonged basis.

Other: Not Determined

Protective Gloves:

Necessary

Eye Protection:

Necessary

Other Protective Clothing Or Equipment:

Wear apron, boots and a face shield with safety glasses. A full impermeable suit is recommended if exposure is possible to large portion of body.

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See Section 7**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:** Colorless Liquid**Boiling Point:** ~171 F**Specific Gravity:** <Water**Evaporation Rate:** No data**Solubility in Water:** Complete**10. STABILITY AND REACTIVITY****Incompatibility:** Oxidizers**Hazardous Polymerization:** May occur**Stable:** Yes**11. TOXICOLOGICAL INFORMATION****Routes of Absorption:**

Oral, dermal, inhalation, and eye contact.

Warning Statements and Warning Properties:

Harmful or fatal if inhaled or swallowed. Causes severe eye, skin, digestive tract, and respiratory tract burns. Can cause lung damage.

This product is not manufactured to contain known carcinogens. Extremely small amounts of these materials may be present in this product from general environmental sources.

12. ECOLOGICAL INFORMATION

No Data