

# MATERIAL SAFETY DATA SHEET

Copper Harbor Company, Inc.

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JUL 29 2002

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Date Prepared: 5/30/02  
Date Printed: 6/4/02  
MSDS No.: 2150-02

Product: **Glasflux**

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Material Identity

Product Name: Glasflux

Product Code:

### Company

Copper Harbor Company, Inc.  
2250 Davis Street  
San Leandro, CA 94577-2204  
510-639-4670

### Emergency Telephone Number:

1-800-451-8346

1-760-602-8700

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No. Chemical Identity: 7646-85-7 Common Name: Zinc Chloride

CAS No. Chemical Identity: 7732-18-5 Common Name: Water

## 3. HAZARDS IDENTIFICATION

### Potential Health Effects

#### Eye:

Eye irritation upon contact. May cause conjunctivitis.

#### Skin:

May cause skin irritation, dermatitis or boils. May be absorbed through the skin causing gastrointestinal tract upsets.

#### Swallowing:

This product is a systemic poison.

#### Inhalation:

Inhalation of this material may cause pulmonary edema.

## 4. FIRST AID MEASURES

### Inhalation:

If affected, promptly remove individual to fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

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## **Ingestion:**

Give large amounts of water. Seek medical attention. If possible, do not leave individual unattended.

## **Eyes:**

Spread eyelids with fingers and flush eye for minimum of 15 minutes; keep rotating the eyes to ensure complete flushing. Seek medical attention if irritation persists or any loss of vision occurs.

## **Skin:**

Immediately remove contaminated clothing and thoroughly wash exposed area under shower with soap and water for a minimum of 15 minutes. Seek medical attention if irritation from contact persists. Launder clothing before reuse.

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## **5. FIRE FIGHTING MEASURES**

**Flash Point:** N/A

**Auto-ignition Temperature:** N/A

**Hazardous Products of Combustion:** Incompatible with potassium.

**Extinguishing Media:** Alcohol foam, water fog, carbon dioxide, dry chemical.

**NFPA CODES:** N/A

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## **6. PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken In Case Material Is Released Or Spilled:**

### **Small Spill:**

Stop spill and ventilate area. Use absorbent materials to soak up product.

### **Large Spill:**

Stop spill and ventilate area. Contain spill area by diking, and salvage product using recommended absorbent material. Prevent product from entering sewer, drains or waterways. Dispose of properly.

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## **7. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Use only in a well-ventilated area. Use only for intended purpose. Follow label directions. Keep out of reach of children. Keep off skin and out of eyes. Keep unused material in original container tightly closed. Do not re-use container for material other than original contents.

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Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Respiratory Protection:

Use only in a well-ventilated area.

### Skin Protection:

Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

### Eye Protection:

Chemical splash goggles in compliance with OSHA regulations are advised.

### Other Protective Clothing Or Equipment:

Provide sufficient mechanical ventilation to maintain exposure below level of overexposure.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and Odor:** White to yellow color with no odor.

**Boiling Point:** N/A

**Specific Gravity:** N/A

**Solubility in Water:** Complete

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## 10. STABILITY AND REACTIVITY

**Incompatibility:** Cyanides, sulfides, oxidizing materials, combustible materials

**Stability:** Stable

**Hazardous Decomposition:** Combustion generates toxic fumes of hydrogen chloride, toxic oxides of carbon and toxic fumes of zinc.

**Hazardous Polymerization:** Will not occur

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## 11. TOXICOLOGICAL INFORMATION

No Data

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## 12. ECOLOGICAL INFORMATION

No Data

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## 13. DISPOSAL CONSIDERATION

### Waste Disposal Method:

Dispose of in accordance with all applicable local, state and federal regulations.

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## 14. DOT SHIPPING NAME

ZINC CHLORIDE SOLUTION, 8, UN1840, PG III

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## 15. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that information is current, applicable, and suitable to their circumstances.