

## **Omaha Compound Co.**

2001 NICHOLAS STREET

Omaha NE, 68102

402 346 7117

### **SECTION 1: IDENTIFICATION**

PRODUCT NAME: DEFIANCE DRAIN PIPE OPENER

EMERGENCY PHONE NUMBER: 402 496 0530

PRODUCT USAGE: DRAIN PIPE OPENER

### **SECTION 2: HAZARD(S) IDENTIFICATION**



LABEL ELEMENTS:

SIGNAL WORD: DANGER

HAZARD STATEMENTS: CAUSES EYE IRRITATION. MAY BE HARMFUL IF SWALLOWED.

PHYSICAL HAZARDS: Mixing with water, acid or incompatible materials may cause splattering and release of heat. Do not store in aluminum container or use aluminum fittings or transfer lines, as flammable hydrogen gas may be generated.

ECOLOGICAL HAZARDS: This material has exhibited moderate toxicity to aquatic organisms.

PRECAUTIONARY STATEMENTS: Do not get in eyes, on skin, or on clothing. Do not breathe vapor or mist. Keep container tightly closed. Wash thoroughly after handling. Use only with adequate ventilation.

POTENTIAL HEALTH EFFECTS: Inhalation: May cause severe irritation of the respiratory tract with coughing, choking, pain and possibly burns of the mucous membranes. Skin contact: Causes skin burns. Eye contact: Causes serious eye damage. Ingestion: Causes burns. Chronic Effects: None known. Medical Conditions Aggravated by Exposure: Respiratory system (including asthma and other breathing disorders)

IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

MAJOR HEALTH HAZARDS: CORROSIVE. CAUSES BURNS TO THE RESPIRATORY TRACT, SKIN, EYES, AND GASTROINTESTINAL TRACT. CASUES PERMANENT EYE DAMAGE. EFFECTS OF CONTACT OR INHALATION MAY BE DELAYED.

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

| CHEMICAL NAME:        | HAZARD RATING | CAS. NO. | CONCENTRATE % |
|-----------------------|---------------|----------|---------------|
| LIQUID CASUTIC POTASH |               |          | 70 %          |

### **SECTION 4: FIRST-AID MEASURES**

**INHALATION:** If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel. If respiration or pulse has stopped, have a trained person administer basic life support (Cardio-Pulmonary Resuscitation and/or Automatic External Defibrillator) and CALL FOR EMERGENCY SERVICES IMMEDIATELY.

**SKIN CONTACT:** Immediately flush contaminated areas with water. Remove contaminated clothing, jewelry and shoes. Wash contaminated areas with soap and water. Thoroughly clean and dry contaminated clothing before reuse. Discard contaminated leather goods. GET MEDICAL ATTENTION IMMEDIATELY.

**EYE CONTACT:** Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissues. Washing eyes within several seconds is essential to achieve maximum effectiveness. GET MEDICAL ATTENTION IMMEDIATELY.

**INGESTION:** Never give anything by mouth to an unconscious or convulsive person. If swallowed, do not induce vomiting. Give large amounts of water. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops. GET MEDICAL ATTENTION IMMEDIATELY.

### **SECTION 5: FIREFIGHTING MEASURES**

FLASH POINT: N/A

FLAMMABLE LIMITS: N/A

SPECIAL FIRE FIGHTING PROCEDURES: NONE REQUIRED

UNUSUAL FIRE AND EXPLOSION HAZARDS: PRODUCT IS NOT COMBUSTIBLE

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS: AVOID EYE CONTACT.

ENVIRONMENTAL PRECAUTIONS:  
IN ORDER TO PREVENT OUTLET TO THE SURROUNDING, PUT UP WASTE CONTAINERS.

METHODS AND MATERIAL FOR CONTAINMENT:  
KEEP OUT OF WATER SUPPLIES AND SEWERS. LIQUID MATERIAL MAY BE REMOVED WITH A VACUUM TRUCK. FLUSH SPILL AREA WITH WATER, IF APPORPRIATE. THIS MATERIAL IS ALKALINE AND MAY RAISE THE pH OF SURFACE WATERS WITH LOW BUFFERING CPACITY.

RELEASES SHOULD BE REPORTED, IF REQUIRED, TO APPORPIRATE AGENCIES.

OTHER PRECAUTIONS: KEEP FROM FREEZING.

### **SECTION 7: HANDLING AND STORAGE**

PRECAUTIONS FOR SAFE HANDLING: Store and handle in accordance with all current regulations and standards. Keep container tightly closed and properly labeled. Do not store in aluminum container or use aluminum fittings or transfer lines, as flammable hydrogen gas may be generated.

SPECIFIC END USE:

THIS PRODUCT SHOULD BE USED FOR APPLICATIONS DESCRIBED IN SECTION 1.

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

APPROPRIATE ENGINEERING CONTROLS:

SHOWERS, EYEWASH STATIONS, VENTILATION SYSTEMS

INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT:

EYE CONTACT:

USE PROTECTIVE GLASSES OR SAFETY GOGGLES IF SPLASHING OR SPRAY-BACK IS LIKELY.

RESPIRATORY:

USE IN WELL VENTILATED AREAS OR LOCAL EXHAUST VENTILATIONS WHEN CLEANING SMALL SPACES.

SKIN CONTACT:

USE PROTECTIVE GLOVES (ANY MATERIAL) WHEN USED FOR PROLONGED PERIODS OR DERMALLY SENSITIVE.

GENERAL HYGIENE CONSIDERATIONS:

WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

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

BOILING POINT: 216

SPECIFIC GRAVITY: 1.09

VAPOR PRESSURE: N/A

MELTING POINT: N/A

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: SOLUBLE IN WATER

APPEARANCE AND ODOR:

WHITE OPAQUE VISCOUS LIQUID. NEUTRAL ODOR.

## **SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY: NO DATA AVAILABLE

CHEMICAL STABILITY: STABLE

POSSIBILITY OF HAZARDOUS REACTIONS: NON SPECIFIC

INCOMPATIBLE MATERIALS: NONE

## **SECTION 11: TOXICOLOGICAL INFORMATION**

TOXICITY: When in solution, this material will affect all tissues with which it comes in contact. The severity of the tissue damage is a function of concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur. The material is a strong irritant and is corrosive to the skin, eyes, and mucous membranes. This material may cause severe burns and permanent damage to any tissue with which it comes in contact.

## **SECTION 12: ECOLOGICAL INFORMATION**

(NON-MANDATORY)

## **SECTION 13: DISPOSAL CONSIDERATIONS**

(NON-MANDATORY)

## **SECTION 14: TRANSPORT INFORMATION**

U.S.DOT 49 CFR 172.101: PROPER SHIPPING NAME: Potassium hydroxide, solution UN NUMBER: UN1814 HAZARD CLASS/ DIVISION: 8 PACKING GROUP: II LABELING REQUIREMENTS: 8 DOT RQ (lbs): RQ 1,000 Lbs. (Potassium hydroxide)

## **SECTION 15: REGULATORY INFORMATION**

(NON-MANDATORY)