

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT INFORMATION

Name: DRAIN FREE
Subtitle: LIQUID CAUSTIC DRAIN OPENER
Supplier's Name: Banner Labs, Inc.

Chemical Family: N/A
Formula: N/A
Phone Number: (713) 896-8778

NPCA Hazardous Materials Identification System

| | |
|-----------------------------|---|
| Health | 3 |
| Flammability | 0 |
| Reactivity | 0 |
| Maximum Personal Protection | D |

Supplier's Address: 11875 W Little York, 202, 77041

Proper Shipping Name: Compound Cleaning, Liquid, (Potassium Hydroxide, Sodium Hydroxide)

Hazard Class: Corrosive Material, 8, NA 1760, II

SECTION 2 - INGREDIENTS

| NAME | CAS# | Wt% | PEL | TWA-TLV | STE-TLV | CARCINOGEN |
|-------------------------|-----------|--------|-----|---------|---------|------------|
| Potassium Hydroxide 45% | 1310-58-3 | to 100 | N/E | 2mg/m3 | N/E | No |

NO OTHER HAZARDOUS INGREDIENTS ARE CONTAINED IN THIS PRODUCT

SECTION 3 - PHYSICAL DATA

Boiling Range: 215+
Vapor Pressure: 20
% Volatile: 55
Solubility: 100%
Physical Description: Clear liquid, caustic scent.

Specific Gravity: 1.45
Vapor Density: >1
pH: 13.5+
Evaporation Rate: <1

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (Method Used TCC): N/A
Upper Explosive Limit: N/A
Lower Explosive Limit: N/A
Extinguishing Media: N/A

Special Fire Fighting Procedures: Not Flammable
Unusual Fire & Explosion Hazards: N/A

SECTION 5 - REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur

Incompatibility (Materials to Avoid): Strong Acids

Hazardous Decomposition Products: Alkaline vapors in a fire

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be taken in Handling & Storage:
Keep out of reach of children. For use by trained personnel only.
Keep container closed during storage. For institutional and industrial use only.

SECTION 7 - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE

Primary Route of Entry:

Skin:
Severe skin irritant. Can cause reddening, swelling and cracking of derma. Repeated or prolonged contact may cause severe burns.

Eyes:
Severe eye irritant. Liquid and mists can cause tearing, swelling of the conjunctiva and corneal destruction. Prolonged contact may cause permanent damage.

Inhalation:
Irritating to mucous membranes of the nose, throat and lungs. Can cause coughing and difficult breathing. Prolonged contact may result in tissue damage.

Ingestion:
Extremely corrosive to the mouth and throat. May result in severe chemical burns to the tissue. May cause severe stomach pain, vomiting and possible collapse.

FIRST AID PROCEDURES

Skin:
Remove contaminated clothing. Flush exposed area with large quantities of water. Seek medical attention if irritation persists.

Eyes:
Flush eyes with large quantities of water, holding eyelids open. Seek medical attention.

Inhalation:
Get to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.

Ingestion:
Do not induce vomiting. Give large quantities of water. Seek medical attention immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Information: Use in well ventilated area.

Protective Gloves: Waterproof recommended

Other Protective: N/A

Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

Eye Protection: Safety glasses

SECTION 9 - SPILL OR LEAK PROCEDURE

Steps to be taken in case Material is Released or Spilled:
Mop up or otherwise absorb and hold for disposal.

Waste Disposal Method:
Any method in accordance with local applicable law

Prepared According to 29 CFR 1910.1200

Product# : 0413

Revised: November 25, 2014