

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION

Flynn Distributors
3646 Zoar Road
Snellville, Georgia 30039
Inquiry Phone: (770) 714-8656
Emergency Phone: (800) 535-5053
Prepared on 6/5/01

PRODUCT NAME: DRAIN OPENER
PRODUCT CODE: 26110

NFPA hazard codes: NFPA acute hazard rating:
0 = Least 3 = High Health: 2
1 = Slight 4 = Extreme Flammability: 0
2 = Moderate Reactivity: 1

SECTION 2 CHEMICAL COMPOSITION

Note: List all CERCLA hazardous substances at 1% or greater and CARCINOGENS at 0.1% or greater.

INGREDIENT (chemical name)	CAS#	% range	TLV / PEL	TWA	STEL / Ceiling Skin
Potassium Hydroxide	1310-58-3	<25	N/A	N/A	2mg/m ³

Note: Potassium Hydroxide is a SARA TITLE III SECTION 304 materials subject to reporting by user within the manufacturing section.

SECTION 3 EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. **SKIN CONTACT:** Immediately flush exposed area with water for at least 15 minutes. If irritation occurs, get medical attention. **INHALATION:** Remove individual to fresh air. If symptoms persist, get immediate medical attention. **INGESTION:** Do not induce vomiting. Dilute by giving water and fruit juice. Get immediate medical attention.

NOTE TO PHYSICIAN: Contains Potassium Hydroxide.

SECTION 4 PHYSIOLOGICAL EFFECTS

PRIMARY ROUTE(S) OF ENTRY INTO BODY: Skin contact, Ingestion.

ACUTE EFFECTS: Eyes: Redness, watering. Skin: Redness, irritation. Inhalation: Irritation, coughing. Ingestion: Burning sensation, nausea.

CHRONIC EFFECTS: None known.

SECTION 5 OCCUPATION CONTROL PROCEDURES

VENTILATION: Local exhaust.

PERSONAL PROTECTION:

Respirator type: None required if concentration is below TLV/PEL. Otherwise use NIOSH approved CCROV or better respirator.

Gloves: Chemical resistant gloves recommended.

Eye Protection: Chemical splash goggles.

SECTION 6 PHYSICAL DATA

Appearance/odor: Clear light red / odorless

Physical state: Liquid

Boiling Point: 212°F

Freeze Point: 30°F

Specific Gravity: 1.16

pH concentrate: 14.0

1% pH dilution: 12.8

Solubility in water: Complete

Vapor pressure: 17 mmHg

Vapor density (air=1): >1

Evaporation rate (water = 1): >1

SECTION 7 FIRE & EXPLOSION DATA

Flash point: None.

Method: T.C.C.

Flammable (explosive) limits in air: N/A.

Suitable extinguishing media: Water / foam.

Hazardous combustion bi-products: Carbon Monoxide.

Recommended fire fighting procedures: Firefighters should wear waterproof protective clothing.

Unusual fire & explosive hazards: None.

SECTION 8 REACTIVITY DATA

Stability: Stable.

Conditions to avoid: Extreme high heat.

Hazardous decomposition products: None.

Hazardous polymerization: Will not occur.

Incompatibility:

Material to avoid: Strong acids.

Corrosive action on material: Moderate on soft metals such as aluminum.

SECTION 9 STORAGE & HANDLING PRECAUTIONS

Storage: Store at temperatures below 120° F. Do not allow to freeze.

Handling: Wear proper gloves, boots, eye and face protection when handling.

Precautionary labeling: Corrosive.

SECTION 10 ENVIRONMENTAL INFORMATION

Spill or leak procedures:

Small spill/leak: Neutralize with vinegar or citric acid.

Large spill/leak: Mop up excess. Neutralize with vinegar or citric acid. Collect solution in containers for disposal.

Spill reportable quantity: 4,000 pounds or more.

Waste disposal method: Consign to waste facility approved by federal, state, and local regulations.

RCRA or appropriate waste classification: By characteristic.

Procedures for handling empty containers: Triple rinse.

Environmental toxicity data: Biodegradable.

Other regulatory controls:

Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as:

Toxic pollutant? No.

Hazardous substance (SECTION 302)? No.

If yes, reportable quantity (R.Q.). N/A.

Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as:

Hazardous air pollutant (SECTION 12)? No.

SECTION 11 PRODUCT IDENTIFICATION

Indicate country/regulatory agency which specifies requirements: USA-DOT/ IMO

Proper shipping name: COMPOUND, CLEANING, LIQUID (containing Potassium Hydroxide)

Hazard class: 8

Identification number: NA1760

Packing Group: II

Labels required: Product, Corrosive

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PRODUCT CODE: 26110

PREPARED: 6/5/01