



UTILITY MANUFACTURING CO., INC.
700 MAIN STREET, WESTBURY, NY 11590
(516) 997-6300 - FAX # (516) 997-6345

MATERIAL SAFETY DATA SHEET

LIQUID DRAIN-A-MATIC DRAIN OPENER

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure, or Accident - Call **INFOTRAC**- Day or Night: **1-800-535-5053**
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD) **IMPORTANT:** Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers and users of this product.

PRODUCT IDENTIFICATION

DOT Shipping name: CONSUMER COMMODITY, ORM-D **CAS NO.:** MIXTURE
Chemical Family: CAUSTIC **UN/NA#:** N/R
DOT Hazard Class: N/R **DATE OF ISSUE:** 03/08

SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

Hazardous Ingredients:	CAS #	TLV/PEL	AGENCY	TYPE	SARA-313(% Range)
SODIUM HYDROXIDE	1310-73-2	2MG/M3	ACGIH	TWA	10-20
POTASSIUM HYDROXIDE	1310-58-3	2MG/M3	ACGIH	TWA	1-2

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 15 minutes holding eyelid open to allow thorough flushing. **Seek medical attention.**
SKIN CONTACT: Flush with plenty of water while removing contaminated shoes and clothing. **Seek medical attention.**
INHALATION: (breathing) If inhaled, remove to fresh air. If respiration stops, give artificial respiration. If breathing is difficult, give oxygen and **get medical attention.**
INGESTION: (swallowing) Do **not** give anything by mouth to an unconscious person. Do not induce vomiting. Give large quantities of water and **get medical attention.**

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

WARNING: CONTAINS CAUSTICS
EYE CONTACT: Causes severe burns that result in damage to the eyes and possible blindness.
SKIN CONTACT: Contact can cause severe burns and destroy tissue. **Irritation may not be immediately painful or visible.**
INHALATION: (breathing) Breathing of mist or spray may cause damage to the upper respiratory tract and lung tissue. Severe exposure can produce pneumonia and permanent scarring.
INGESTION: (swallowing) Ingestion causes severe burns to the mucous membrane of the mouth, throat, esophagus and stomach.

SECTION IV - SPECIAL PROTECTION INFORMATION

VENTILATION: If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits (see section I), additional ventilation or exhaust systems may be required.
RESPIRATORY PROTECTION: The use of respiratory protection is advised when concentrates exceed the established exposure limits (see Section I). Depending on the airborne concentration use a respirator or gas mask with appropriate cartridges or canisters (NIOSH approved) or supplied air.
PROTECTIVE GLOVES: The use of chemical resistant gloves is strongly recommended.
EYE PROTECTION: Approved eye protection to safeguard against potential eye contact is strongly recommended.

SECTION V - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: (materials to avoid) This product is incompatible with: acid, aluminum, copper, tin, zinc, leather, wool, organic halogen compounds, and organic nitro compounds.
HAZARDOUS DECOMPOSITION PRODUCTS: Reaction with aluminum, tin and zinc will form flammable and explosive hydrogen gas.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF LEAK OR SPILL: Spills should be contained and cleaned up immediately. Stop spill/release if it can be done without risk. Wear adequate protective equipment and clothing. Spilled material may be absorbed by an appropriate absorbent. All cleanup material should be removed and placed in approved containers, labeled and stored in a safe place to await proper disposal. Notify fire authorities and appropriate federal, state, and local agencies.



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WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state, and federal regulations. Do not flush to surface water or sanitary sewer system.

SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Do not get in eyes, skin or clothing. Do not breathe vapor mist or gas. Keep containers tightly closed, cool and dry. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practices. "Empty" containers contain residue (liquid and/or vapor) and can be dangerous. Close container after each use.

SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Extinguish with media appropriate to surrounding material.
FIRE AND EXPLOSION HAZARD: Contact with aluminum, tin or zinc can generate flammable and explosive hydrogen gas.
FIRE FIGHTING PROCEDURES: Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame.

SECTION IX - PHYSICAL DATA

APPROXIMATE BOILING POINT (DEG F): >200	PER CENT VOLATILE: NONE
SPECIFIC GRAVITY (68 F): >1	FLASH POINT (TCC, DEG F): NONE
RELATIVE EVAPORATION RATE (ESTIMATED): <1	PER CENT SOLUBILITY IN WATER: 100
VAPOR PRESSURE @20C mmHg (CALCULATED): <1	Ph: 9.7

SECTION X - OTHER REGULATORY DATA

<u>SARA</u>	<u>HMIS</u>
<i>SECTION 302:</i> NONE	Health: 3
<i>SECTION 311 & 312:</i> ACUTE, CHRONIC	Flammability: 0
<i>SECTION 313:</i> See Section I.I	Reactivity: 1
<u>TSCA</u>	<u>CALIFORNIA PROPOSITION 65</u>
All components are in full compliance with the TSCA inventory.	NOT LISTED
<u>RCRA</u>	<u>CERCLA</u>
Waste material would be a D002	SODIUM HYDROXIDE RQ: 1000 LBS.
	POTASSIUM HYDROXIDE RQ: 1000 LBS.
<u>CARCINOGENICITY:</u>	
NOT LISTED with NTP or IARC.	

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufactures and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

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