



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

MATERIAL SAFETY DATA SHEET

CRYSTAL SWIFT 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:	CLEANING COMPOUND, 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	80-95%

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

WARNING: CONTAINS CAUSTICS
EYE CONTACT: Move person away from exposure and into fresh air. Immediately flush eyes with clean water and seek medical attention. For direct contact hold eyelids apart for at least 15 minutes. **Seek medical attention.**
SKIN CONTACT: Remove contaminated shoes and clothing and cleanse affected areas thoroughly by washing with mild soap and water. If irritation persists **seek medical attention.**
INHALATION: (breathing) Move individual away from exposure and **seek medical attention.** If breathing is difficult, administer oxygen. If victim if not breathing, give artificial respiration.
INGESTION: (swallowing) If swallowed, **seek emergency medical attention. DO NOT INDUCE VOMITING.** Never give anything by mouth to an unconscious person.

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT: Contact with eyes can cause severe damage including burns and blindness.
SKIN CONTACT: Contact may cause burns and tissue destruction. Irritation may follow an initial latency period.
INHALATION: (breathing) Vapors or dust may cause irritation to the respiratory tract.
INGESTION: (swallowing) Severe burns and tissue perforation of mucous membranes may occur.

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 gloves impermeable to the specific material handled is advised to prevent possible irritation.
EYE PROTECTION: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

SECTION V - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: (materials to avoid) This product is incompatible with: Oxidizing agents, strong acids and bases. *May react violently with acids and water.*
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF LEAK OR SPILL: Isolate hazard area and limit entry to emergency crew only. Dry material should be contained and shoveled up. Neutralize remaining traces with any dilute inorganic acid (hydrochloric, sulfuric or acetic acid). Flush spill area with water followed by a liberal covering of sodium carbonate. All clean-up material should be removed for proper treatment or disposal. Prevent spilled material from entering sewers, storm drains or natural waterways. Notify fire authorities and appropriate federal, state and local agencies. If spill is in excess of EPA reportable quantity, immediately notify the National Response Center at 800-424-8802.
WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state, and federal regulations.



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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, dry, and away from all sources of ignition. 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. They may explode and cause injury and death. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations

SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Extinguish with dry chemical, CO₂, or a universal type foam.
FIRE AND EXPLOSION HAZARD: Direct contact with water can cause a violent exothermic reaction.
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	

SECTION X - OTHER REGULATORY DATA

SARA	HMIS
<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: 2
TSCA	CALIFORNIA PROPOSITION 65
All components are in full compliance with the TSCA inventory.	NOT LISTED
RCRA	CERCLA
Waste material would be a D002	SODIUM HYDROXIDE RQ; 1000 LBS.

CARCINOGENICITY:
 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.