



UTILITY

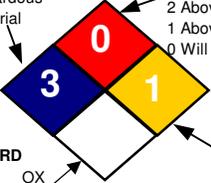
SAFETY DATA SHEET

Sid Harvey item #'s 25-2200 & 25-2205

SDS # Z0502

SECTION 1 - IDENTIFICATION

| | |
|---|---|
| Manufacturer: UTILITY 700 Main Street Westbury, NY 11590 Telephone: 1-516-997-6300 Fax: 1-516-997-6345 Web Site: www.UtilityChemicals.com E-mail: info@UtilityChemical.com | For any transportation or medical chemical emergencies call: <p style="text-align: center;">INFOTRAC</p> <p style="text-align: center;">(800) 535-5053</p> <p style="text-align: center;">24 hours per day - 7 days a week</p> |
| Product Name: <p style="text-align: center;">CRYSTAL SWIFT Drain Cleaner</p> | Recommended Use: For cleaning small drains, grease traps and septic systems |

| SECTION 2 - HAZARD(S) IDENTIFICATION | | | | | | | | | | | |
|---|--|--|--------|---|---|--------------|---|------------|---|-----|---|
| <p style="text-align: center;">Label</p> <div style="display: flex; justify-content: space-around;">   </div> | <p style="text-align: center;">NFPA</p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="456 800 625 934"> <p>HEALTH HAZARD</p> <p>4 Deadly 3 Extreme Danger 2 Hazardous 1 Slightly Hazardous 0 Normal Material</p> </div> <div data-bbox="743 808 1073 955"> <p>FIRE HAZARD Flash Points</p> <p>4 Below 73°F (Boiling pt. below 100°F) 3 Below 73°F (Boiling pt. at/above 100°F) and/or at/above 73°F - not exceeding 100°F 2 Above 100°F, Not exceeding 200°F 1 Above 200°F 0 Will not burn</p> </div> <div data-bbox="803 997 1031 1123"> <p>INSTABILITY</p> <p>4 May detonate 3 Shock and heat may detonate 2 Violent chemical changes 1 Unstable if heated 0 Stable</p> </div> </div> <div style="text-align: center; margin: 10px 0;">  </div> <div data-bbox="456 1045 625 1129"> <p>SPECIFIC HAZARD</p> <p>Oxidizer OX Use NO WATER W Simple Asphyxiant SA</p> </div> | <p style="text-align: center;">HMIS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #000080; color: white; text-align: center;">HEALTH</td> <td style="text-align: center; font-weight: bold;">3</td> <td rowspan="4" style="vertical-align: middle; padding-left: 10px;"> 0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Serious Hazard 4 Severe Hazard </td> </tr> <tr> <td style="background-color: #ff0000; color: white; text-align: center;">FLAMMABILITY</td> <td style="text-align: center; font-weight: bold;">0</td> </tr> <tr> <td style="background-color: #ffff00; text-align: center;">REACTIVITY</td> <td style="text-align: center; font-weight: bold;">1</td> </tr> <tr> <td style="text-align: center;">PPE</td> <td style="text-align: center; border: 1px solid black; font-weight: bold;">G</td> </tr> </table> | HEALTH | 3 | 0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Serious Hazard 4 Severe Hazard | FLAMMABILITY | 0 | REACTIVITY | 1 | PPE | G |
| HEALTH | 3 | 0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Serious Hazard 4 Severe Hazard | | | | | | | | | |
| FLAMMABILITY | 0 | | | | | | | | | | |
| REACTIVITY | 1 | | | | | | | | | | |
| PPE | G | | | | | | | | | | |
| <p style="text-align: center;">Signal word</p> | | | | | | | | | | | |
| <p style="text-align: center; font-size: 24px; font-weight: bold;">DANGER</p> | | | | | | | | | | | |
| <p style="text-align: center;">Health</p> <p>Acute Toxicity: N/A Skin Corrosion: Cat. 2 Eye Irritation: Cat. 2A Skin Sensitization: NO</p> | <p style="text-align: center;">Environmental</p> <p>Acute Toxicity: N/A Chronic Toxicity: N/A</p> | <p style="text-align: center;">Physical</p> <p>Flammability: N/A Other: N/A</p> | | | | | | | | | |
| <p style="text-align: center;">Hazardous Statement</p> <p>CAUSES SEVERE BURNS. HARMFUL OR FATAL IF SWALLOWED. Contains Sodium Hydroxide</p> | <p style="text-align: center;">Precautionary Statement</p> <p>AVOID CONTACT WITH EYES, SKIN, MUCUS MEMBRANES AND CLOTHING. Keep out of reach of children.</p> | | | | | | | | | | |

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Hazardous Chemicals</u> | <u>CAS #</u> | <u>EINECS#</u> | <u>Approx %</u> |
|--|--------------|----------------|-----------------|
| SODIUM HYDROXIDE | 1310-72-2 | 215-185-5 | 100% |
| Title III Section 313 Supplier Notification: This product contains toxic chemicals subject to the reporting requirement of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material. | | | |

MATERIAL SAFETY DATA SHEET

SECTION 4 - FIRST-AID MEASURES

Inhalation: Call a physician or poison control center immediately. Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin: Wash off immediately with soap and plenty of water, remove all contaminated clothes and shoes. Consult a physician.

Eyes: Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

Ingestion: Call a physician immediately. Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Note to physician: Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

SECTION 5 - FIRE-FIGHTING MEASURES

| <u>Extinguishing Media</u> | | <u>Specific Hazards</u> | <u>Protective Equipment</u> |
|--|-------------------|--|---|
| <u>Suitable</u> | <u>Unsuitable</u> | | |
| As appropriate. | ----- | Causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. Substance with react with water (some violently), releasing corrosive and/or toxic gases. | Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear. |
| <u>Special Firefighting Procedures</u> | | | |
| In the event of fire and/or explosion do not breath fumes. | | | |

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Avoid dust formation.

Protective Equipment: None.

Emergency Procedures: None.

Environmental Precautions: Prevent material from entering waterway.

Methods for Cleaning-Up: Prevent further leakage or spillage if safe to do so. Prevent dust cloud. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically and collect in suitable container for disposal. Avoid dust formation. Clean contaminated surfaces thoroughly.

Other Precautions: Do not get water inside containers. Refer to protective measures listed in Sec. 7 and 8.

SECTION 7 - HANDLING AND STORAGE

| <u>Handling</u> | <u>Storage</u> |
|---|--|
| Wear personal protective equipment. Ensure adequate ventilation . Avoid contact with skin, eyes and clothing. Do not breath vapors/dust. Remove and wash contaminated clothing before re-use. | Keep containers tightly closed in a dry and well-ventilated place. Keep in properly labeled containers. Keep out of reach of children. |

MATERIAL SAFETY DATA SHEET

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

| | | |
|---|--|--|
| <u>Hazardous Components</u> SODIUM HYDROXIDE | <u>OSHA Exposure Limits</u> <u>ACGIH-TLV</u> 2 mg/m3 | <u>OSHA-PEL</u> 2 mg/m3 |
| <u>Personal Protective Equipment</u> | | |
| Respiratory Protection: | Use NIOSH approved respirators to prevent overexposure. | |
| Ventilation: | Local ventilation is adequate. | |
| Other Protective Equipment: | <u>Protective Gloves</u> Impervious Gloves. | <u>Eyes and Face Protection</u> Tightly Fitted Safety Goggles OR Face Shield. |
| | | <u>Other Protective Equipment</u> Impervious Clothing. |
| Other Precautions: | None. | |
| <u>Engineering Controls</u> | | |
| Showers. Eyewash stations. Ventilation systems. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes and clothing. Keep away from food, drink and animal feeding stuffs. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing. | | |

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

| | |
|---|--|
| Appearance: White Odor: Odorless Odor Threshold: N/A pH: N/A Melting/Freezing Point: N/A Boiling Point: 1390 °C / 2534 °F Boiling Range: N/A Flash Point: N/A Evaporation Rate: N/A Flammability: N/A Flammability Limits: LEL: N/A ; UEL: N/A | Volatile by Volume: N/A Vapor Pressure: N/A Vapor Density: N/A Relative Density: N/A Solubility: Soluble Partition Coefficient: n-octanol/water: N/A Auto-ignition Temperature: N/A Specific Gravity (H2O=1): 2.1 Viscosity: N/A VOC: 0 g/l |
|---|--|

SECTION 10 - STABILITY AND REACTIVITY

| | | |
|--|---|--|
| <u>Stability</u> | <u>Hazardous Polymerization</u> | <u>Conditions To Avoid</u> |
| Stable Unstable <input checked="" type="checkbox"/> <input type="checkbox"/> | May Occur Will Not Occur <input type="checkbox"/> <input checked="" type="checkbox"/> | Exposure to air or moisture over prolonged periods. Avoid dust formation. |
| <u>Incompatible Materials</u> | | <u>Hazardous Decomposition Products</u> |
| Aluminum, Tin, Lead, Zinc, and their alloys and all acids. | | Reaction with various food sugars may form carbon dioxide. |

MATERIAL SAFETY DATA SHEET

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation

Skin Contact

Eye Contact

Ingestion

Symptoms/Effects

Harmful by inhalation. Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Aspiration into lungs can produce severe lung damage.

Causes burns.

Causes burns. Corrosive to the eyes and may cause severe damage including blindness.

Harmful if swallowed. Ingestion causes burns of the upper digestive and respiratory tract. Can burn mouth, throat, and stomach.

Long-Term Effects: N/A

Medical conditions aggravated by exposure: None.

Hazardous Components

SODIUM HYDROXIDE

Toxicity

LD₅₀

Oral : 140 mg/kg (rat) ; Dermal : 1,350 mg/kg (rabbit)

LC₅₀

N/A

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: None.

Persistence & Degradability: None.

Bioaccumulative Potential: None.

Mobility in Soil: None.

Other Adverse Effects: Possible risks of irreversible effects.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Shipping Information

Shipping Name: Sodium Hydroxide Solid

Hazardous Class: 8

I.D. Number: UN1823

Packing Group: II

Label Required: Corrosive

Marine Pollutant: No

Exception: This product, when packaged and distributed in a quantity and form intended or suitable for retail sale and designed for consumption by individuals for their personal care or household use purposes, may qualify as a "Consumer Commodity". As such, it can then be exempted from certain labeling, packaging and shipping requirements.

SECTION 15 - REGULATORY INFORMATION

None.

SECTION 16 - OTHER INFORMATION

Disclaimer:

Revision Date:

April 2015

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. UTILITY urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheets. The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, UTILITY cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified.



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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MATERIAL SAFETY DATA SHEET

CRYSTAL SWIFT DRAIN OPENER

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.