



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

MATERIAL SAFETY DATA SHEET

END RUST

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 CAS NO.: MIXTURE
Chemical Family: CAUSTIC UN/NA#: N/R
DOT Hazard Class: ORM-D DATE OF ISSUE: 4//11

SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

Hazardous Ingredients:	CAS #	TLV/PEL	AGENCY	TYPE	SARA-313(% Range)
SODIUM HYDROSULFITE	7775-14-6	5MG/M3	ACGIH	TWA	YES
SODIUM METABISULFITE	7681-57-4	5MG/M3	ACGIH	TWA	

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

WARNING: CAUSTIC

EYE CONTACT: Move person away from exposure and into fresh air. Immediately flush eyes with clean water 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) Harmful if inhaled. **May cause severe allergic reactions in some asthmatics and sulfite sensitive individuals.**

INGESTION: (swallowing) If swallowed, **seek emergency medical attention.** If conscious, give victim water and induce vomiting immediately as directed by first aid personnel.

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT: One or more components of this material are an eye irritant.

SKIN CONTACT: Continuous contact with this material may cause drying of the skin. Chemical itself is an irritant or sensitizer.

INHALATION: (breathing) Vapors or dust may cause irritation to the respiratory tract.

INGESTION: (swallowing) Ingestion of this material may cause the following: Irritation of digestive tract, signs of nervous system depression, such as headache, drowsiness, dizziness, loss of coordination, fatigue and nausea.

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 concentrations 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: Unstable above ambient temperatures, keep dry.

INCOMPATIBILITY: (materials to avoid) This product is incompatible with: Oxidizing agents, strong acids and bases contact with moisture.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may sulfur 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. Stop spill or release if it can be done without risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (See Section IV). 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. 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: Deluge with water. CO2 and Dry Fire Extinguishers may be ineffective.
FIRE AND EXPLOSION HAZARD: May decompose during contact with flames and heat and release irritating gases
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. **Sodium hydrosulfite is moisture sensitive and decomposition can occur by contact with moisture, which can generate heat and ignite combustible material.**

SECTION IX - PHYSICAL DATA

APPROXIMATE BOILING POINT (DEG F):	212	PER CENT VOLATILE:	N/A
SPECIFIC GRAVITY (68 F):	1.06	FLASH POINT (TCC, DEG F):	N/A
RELATIVE EVAPORATION RATE (ESTIMATED):	1	PER CENT SOLUBILITY IN WATER:	100
VAPOR PRESSURE @20C mmHg (CALCULATED):	1		

SECTION X - OTHER REGULATORY DATA

<u>SARA</u>	<u>HMIS</u>
<i>SECTION 302:</i> NOT LISTED	Health: 2
<i>SECTION 311 & 312:</i> NOT LISTED	Flammability: 1
<i>SECTION 313:</i> See Section I.I	Reactivity: 0
<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	NOT LISTED

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.