

24-hour Emergency Phone: (800)255-3924

PRODUCT CODE: 5850

===== SECTION V - REACTIVITY DATA =====

STABILITY: Product is stable under normal conditions.

CONDITIONS TO AVOID: Avoid mixing with caustic materials.

INCOMPATIBILITY (MATERIALS TO AVOID): DO NOT expose to metals or materials known to be susceptible to acid corrosion. Under proper conditions product will react with steel and produce explosive concentrations of hydrogen gas.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition and or burning may produce oxides of carbon, hydrogen chloride gas.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

===== SECTION VI - HEALTH HAZARD DATA =====

PRIMARY ROUTES OF ENTRY: Inhalation X Eye Contact X
Skin Contact X Ingestion

EXPOSURE LIMIT: Refer to Section II for PEL / TLV exposure limits.

ACUTE EFFECTS OF OVEREXPOSURE

INHALATION: Inhalation of fumes or mist can result in irritation or burns to the upper respiratory tract and lungs, pulmonary edema can also occur.

EYE CONTACT: May cause permanent eye injury or blindness.

SKIN CONTACT: Corrosive to skin. Dermatitis may result from repeated exposure.

SKIN ABSORPTION: Highly Corrosive. Do NOT get on skin.

INGESTION: Harmful if swallowed. Corrosive effects. Can cause severe burns and complete tissue perforation of mucous membranes of mouth, throat and stomach.

CHRONIC EFFECTS OF OVEREXPOSURE: Inhalation or ingestion of material can be irritating and cause burning of the nose, throat and eyes, coughing, and tightness of the chest. Severe overexposure may result in difficulty breathing, headache, nausea, vomiting, drowsiness loss of coordination

CARCINOGENICITY: NTP CARCINOGEN: IARC MONOGRAPHS: OSHA REGULATED:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: Pre-existing skin and lung disorders may be aggravated by prolonged or repeated occupational overexposures.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid immediately.

EYE CONTACT: Flush eyes with cool running water for 15 minutes while calling for IMMEDIATE MEDICAL ATTENTION. Washing eyes within several seconds is essential to achieve maximum effectiveness.

SKIN CONTACT: In case of contact, immediately flush skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash and thoroughly clean contaminated clothing and shoes before reuse. Get medical attention.

INGESTION: IF SWALLOWED: Call a physician immediately. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person.

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===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all ignition sources. Avoid breathing vapors. Shut off source of spill if it can be done safely. Use non-sparking tools. Absorb with inert, absorbant material and dispose of in accordance with applicable regulations.

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State, and local regulations. Under RCRA regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material is hazardous.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store above 120 F. Keep closure tight and container upright to prevent leakage. Store drum out of sunlight and away from heat, sparks, or flame. Store only in well-ventilated areas.

OTHER PRECAUTIONS: Follow label instructions. KEEP OUT OF REACH OF CHILDREN.

===== SECTION VIII - PERSONEL SAFETY MEASURES =====

RESPIRATORY PROTECTION: Wear an appropriate, properly-fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates that vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

VENTILATION: Use with adequate ventilation. Provide general local exhaust ventilation to keep the air contaminant concentration below the applicable exposure limit (OSHA PEL) of the combined components listed in Section II and below the LEL in Section IV.

PROTECTIVE GLOVES: Impervious gloves must be worn when handling this product.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash, safety shower, synthetic apron, impervious clothing, boots and face shield if possible.

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling.

===== SECTION IX - REGULATORY INFORMATION =====

TOXIC SUBSTANCES CONTROL ACT (TSCA): All chemical components in this product are listed on the TSCA Inventory List, or are exempt from listing.

SARA Section 312 HAZARD CATEGORIES: Fire Hazard___ Reactivity Hazard_X

Acute Health Hazard_X Chronic Health Hazard_X Pressure Hazard___

SARA Section 313 REPORTABLE COMPONENTS: (See Section II, If Applicable)

===== SECTION X - SHIPPING INFORMATION =====

DOT SHIPPING NAME: Hydrochloric Acid, Solution

DOT HAZARD CLASS: Class 8

UN NUMBER: UN 1789

DOT PACKING GROUP: Group II

SPECIAL SHIPPING INFORMATION: Except Quarts

===== DISCLAIMER =====

The information on this Material Safety Data Sheet represents our current available data and best opinion as to the proper handling in use of this product under normal conditions. Any use of this product which is not in conformance with this Data Sheet or which involves using this product in combination with other materials, or processes is the sole responsibility of the user.