

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard CFR 1910.1200 and OSHA Form 174.

N/A SIGNIFIES NON-APPLICABLE

IDENTITY AND SUPPLIERS INFORMATION

PRODUCT NAME:	GMP CONCRETE ETCH RTU C847	CHEMICAL FAMILY:	
GENERIC NAME:		FORMULA:	PROPRIETARY
SUPPLIER'S NAME:	GENERAL PRODUCTS & SUPPLY, INC.	PHONE NUMBER:	(724) 327-7200
SUPPLIER'S ADDRESS:	101 TECHNOLOGY LANE	EMERGENCY NO.:	800-255-3924
	EXPORT, PA 15632		
PROPER SHIPPING NAME:	CORROSIVE LIQUID, N.O.S.		

NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING
HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
MAX PERSONAL PROTECTION	C

SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.	CAS NO.	WT %	SARA III	PEL	TWA-TLV	STEL-TLV
Hydrochloric Acid (Muriatic Acid)	No	7647-01-0	10%	No	5 ppm	5 ppm	

SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:	150 to 230°F
VAPOR PRESSURE: (mm Hg @ 20°C)	30.0
VAPOR DENSITY:	Heavier than air
SOLUBILITY IN WATER:	Completely
SPECIFIC GRAVITY:	N/E
pH RANGE:	N/E
EVAPORATION RATE: (Water=1)	Slower than ether
PHYSICAL DESCRIPTION:	Clear liquid with a pungent acid odor.

SECTION 3 - FIRE/EXPLOSION HAZARD DATA

FLAMMABILITY: (FLAME PROJECTION)	AUTO IGNITION TEMP: N/E
FLASH POINT: N/A (COC)	
FLAMMABILITY LIMITS: N/A	%UEL %LEL
EXTINGUISHER MEDIA: Dry chemical, water fog or foam	
SPECIAL FIRE FIGHTING PROCEDURES:	
Firefighters should wear NIOSH/OSHA approved, pressure demand, self-contained breathing apparatus. Wear full protective clothing. Spill will make surface slippery - exercise due caution.	
UNUSUAL FIRE/EXP. HAZARDS:	
Water may be used to cool closed containers, not involved in the fire itself, to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.	

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY:	Stable	HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITY:	Strong oxidants and alkalis		
CONDITIONS TO AVOID:	Store this product indoors to protect from freezing		
HAZARDOUS DECOMPOSITION PRODUCTS:	May liberate hydrogen chloride		

SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY:	Skin, inhalation and ingestion	FIRST AID PROCEDURES:	
ACUTE EFFECTS:			
SKIN:	Vapors, liquid and mists are extremely corrosive to the skin. May cause severe burns.	SKIN:	Wash thoroughly with soap and water. If irritation persists, seek medical attention.
EYES:	Vapors, liquid and mists are extremely corrosive to the eyes. May cause severe burns. Can cause permanent eye damage.	EYES:	Flush with large amounts of cool water for at least 15 minutes. Consult a physician.
INHALATION:	Vapors, liquid and mists are extremely corrosive to the nose, mouth, throat and mucous membranes.	INHALATION:	Remove to fresh air. Administer oxygen, if available, to restore breathing. If spontaneous vomiting occurs, take steps to prevent aspiration into the lungs. If irritation persists, seek medical attention.
INGESTION:	(see inhalation above)	INGESTION:	Contact nearest poison control center. If further problems develop, seek medical attention. Promptly remove wet, contaminated, non-impervious clothing.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION:	None usually required. In a fire or confined area, use NIOSH approved, self-contained breathing apparatus.
PROTECTIVE GLOVES:	Use impermeable gloves
VENTILATION REQUIREMENTS:	Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGHI's TLV limit.
OTHER PROTECTIVE CLOTHING:	Eyewash station/safety shower, impervious boots and apron to minimize skin contact and long sleeve shirt.
HYGIENIC WORK PRACTICE:	Remove and wash contaminated clothing before reuse. Wash hands before and after use.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:	Personnel should wear protection to prevent skin and eye contact. Contain spill, notify appropriate company personnel. Keep unnecessary persons out of area and away from spill. Lime or soda ash may be used to aid in the neutralization of this product. Use absorbent material such as clay or diatomaceous earth to clean up.
WASTE DISPOSAL METHODS:	Check company's policy on disposal. Disposal should be in accordance with local, state and federal regulations.
PRECAUTIONS IN STORAGE AND HANDLING:	Store in clean, dry area in properly labeled containers. Read complete directions and precautions before use. Keep containers closed when not in use. Store away from excessive heat. Do not take internally. Do not let personnel use without proper safety hazard training. Do not use steel or galvanized materials for handling and storage.
OTHER PRECAUTIONS:	All containers should be disposed of in an environmentally safe manner or returned to a drum reconditioner. Open bungs slowly to release pressure. Keep out of reach of children.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without any warranty or guarantee of any kind.