



July 25, 1994

Health	2
Flammability	0
Reactivity	0
Personal Protection	C

Trebla  
8417 Chapin Industrial Drive  
St. Louis, MO 63114  
Phone 1-800-325-4404

### MATERIAL SAFETY DATA SHEET

#### SECTION I - General Information

Product Name: Rack-Attack  
Catalog Number: 70CL718  
Formula: Aqueous Solution

#### SECTION II - Product and \*Hazardous Ingredients Information

ITEM	CAS #	PERCENT	PEL	SARA RQ / TPQ
Surfactant	68308-67-8	5-10	N/A	N/A / N/A
* Hydrochloric Acid	7647-01-0	5-10	5 ppm(TWA)	N/A / N/A

#### SECTION III - Physical Data

BOILING POINT: >212° F                      VAPOR PRESSURE (mmHg): N/A  
VAPOR DENSITY(mmHg): N/A                  SOLUBILITY IN WATER: Complete  
SPECIFIC GRAVITY: 1.045                      pH: <1.0  
EVAPORATION RATE: N/A                      PERCENT VOLATILE BY WEIGHT: ~ 85 %  
APPEARANCE AND ODOR: Clear, colorless to light amber. Acrid odor.

#### SECTION IV - Fire and Explosion Hazard Data

Flash Point: N/A                                  Flammable Limits: LEL: N/A    UEL: N/A  
Extinguishing Media: Use carbon dioxide or dry chemical on small fires. For large fires, use foam and water spray.  
Special Fire Fighting Procedures: Use self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
Unusual Fire and Explosions Hazards: May generate hydrogen gas upon contact with most metals.

#### SECTION V - Health Hazard Data

TLV (ACGIH): Hydrochloric Acid, 5 ppm (TWA) (C).  
**LC50: 50** -500 mg/L @ 96 hr for Hydrochloric Acid  
**Effects of Overexposure:**  
**Inhalation:** Expected to be a low hazard under normal conditions. May produce sulfur dioxide upon contact with bleach-fix or fixer.  
**Eyes:** May cause severe irritation and burns.  
**Skin:** Repeated and prolonged contact may cause severe irritation.  
**Ingestion:** Do not take internally. May cause sever burns to upper digestive tract.  
**Carcinogenicity:** N/A • **Teratogenicity:** N/A • **Reproductive Toxicity:** N/A • **Mutagenicity:** N/A •  
**Synergistic Products:** N/A

**Emergency First Aid Procedures:**

**Eyes:** Flush with large amounts of water for 15 minutes. Seek medical attention.

**Skin:** Wash skin with soap and water. If irritation occurs, seek medical attention.

**Ingestion: Do Not** induce vomiting. Drink large quantities of water. Seek medical attention immediately giving full details of amount ingested and toxicity.

**Inhalation:** Move to fresh air. Seek medical attention if breathing becomes difficult.

**SECTION VI - Reactivity Data**

Stability: Stable.

Incompatibility: Strong oxidizing materials. Reacts with many metals.

Hazardous Decomposition Products: Heat can produce gaseous hydrogen chloride, carbon mono/dioxides and nitrogen oxides.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: See above statements.

**SECTION VII - Spill or Leak Procedure**

Steps to be Taken in Case Material is Released or Spilled: Wear protective clothing as specified in Section VIII. Neutralize with lime, soda ash, etc. If federal, state and local laws permit, flush to the sewer with large amounts of water.

Waste Disposal: If federal, state and/or local laws permit, flush to sewer with large amounts of water. Otherwise dispose of contaminated product and materials used in **cleaning up** the spill **in a manner approved** for this material. Consult proper federal, state and/or **local regulatory agencies to ascertain** proper disposal procedures.

**SECTION VIII - Special Protection Information**

**Respiratory Protection (Specify Type):** Typically not necessary. If TLV or PEL limits are exceeded, use a NIOSH approved respirator.

**Ventilation:** Good local mechanical ventilation should be sufficient.

**Protective Equipment:**

**Gloves:** Impervious gloves.

**Eyes:** Wear protective goggles.

**Other:** As necessary to prevent skin contact. Wear protective apron. Eyewash and shower facilities in vicinity of use. The routine use of a non-alkaline type hand cleaner will minimize the possibility of an allergic skin reaction.

**SECTION IX - Special Precautions**

**Precautions to be Taken in Handling and Storage:** Do not store or consume food, drink or tobacco in area. Wash thoroughly after use.

The information contained in this material safety data sheet is furnished without warranty of any kind. The user should consider this data a supplement to other information gathered and must make independent determination of suitability and completeness of information from this and other sources to assure proper use and disposal of this materials and the health and safety of employees and customers. This statement is incorporated as part of this Material Safety Data Sheet.