HEALTH (0 = Maximum Safety)
Always follow Label Directions and Cautions.
4 Extreme. 3 High. 2 Moderate. 1 Slight. 0 Minimal.
See Health Hazard Data Section of this M.S.D.S. for more detailed information.

FLAMMABILITY (0 = Maximum Safety)
Susceptibility of Material to Burning.
4 Extremely flammable. 3 High. 2 Moderate. 1 Slight. 0 Will not burn.

HAZARDOUS COMPONENTS
IDENTITY, EXPOSURE LIMITS AND S.A.R.A. TITLE III INFORMATION

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS</th>
<th>CAS NUMBER</th>
<th>ACGIH TWA</th>
<th>ACGIH STEL</th>
<th>OSHA PEL</th>
<th>OTHER RECOMMENDED LIMITS</th>
<th>S.A.R.A. TITLE III QUANTITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Chloride</td>
<td>7647-01-0</td>
<td>Ceiling: 5 ppm</td>
<td>Not established</td>
<td>Ceiling: 5 ppm</td>
<td>None</td>
<td>0.70*</td>
</tr>
</tbody>
</table>

* Pounds of reportable material per gallon of UNITED product.

PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT
Approximately 212°F.

VAPOR PRESSURE (mm Hg.)
(At 77°F.) Not determined.

VAPOR DENSITY (Air = 1)
Greater than 1.0

SOLUBILITY IN WATER
Complete.

APPEARANCE AND ODOR
Clear pink liquid with hydrogen chloride odor.

PH: 1.0

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)
None (Tag closed cup)

FLAMMABLE LIMITS
None

LEL

UEL

EXTINGUISHING MEDIA
Water, dry foam, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES
Use water, mist or spray to keep containers cool. Plastic shipping containers may burn, although product will not.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Heating may cause release of hazardous fumes. Use self-contained breathing apparatus.
REACTIVITY DATA

STABILITY: STABLE □ UNSTABLE □ CONDITIONS TO AVOID None known.

INCOMPATIBILITY (Materials To Avoid)
Do not mix with other chemicals, cleaners, strong alkalis or bleach.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
May produce hydrogen chloride gas, if heated.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR □ MAY OCCUR □ CONDITIONS TO AVOID None known.

HEALTH HAZARD DATA

HEALTH HAZARDS
May cause severe eye and skin irritation and burns. May cause burns in mouth, throat and stomach if swallowed. Avoid inhaling fumes.

CARCINOGENICITY: NTP? IARC MONOGRAPHS? OSHA REGULATED?
No. No. No.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
EYES AND SKIN: May cause severe eye and skin irritation and burns. IF INHALED: May cause irritation of eyes, nose and throat.

IF SWALLOWED: may be harmful or fatal.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE
None known.

EMERGENCY AND FIRST AID PROCEDURES
SKIN AND EYES: Flush with plenty of water for at least 15 minutes. Call a physician or poison center. IF INHALED: Get patient to fresh air immediately; apply CPR if needed.

Call a physician or poison center immediately. IF SWALLOWED: Do not induce vomiting. Drink cold water or milk to dilute; followed by lime water, milk of magnesia, or other antacid. Do not give carbonates or bicarbonates. Call a physician or poison center immediately.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPIPPLED
Spills of up to one gallon should be diluted with plenty of water and flushed into the sewer.

WASTE DISPOSAL METHOD
Consult local, state, or federal authorities for proper disposal guidelines.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep containers tightly closed; store in a cool, dry place. Do not let containers freeze, as they may split or rupture.

CONTROL MEASURES
FOR USE WHERE SIGNIFICANT EYE, SKIN OR INHALATION EXPOSURE IS LIKELY

RESPIRATORY PROTECTION (Specify Type)
Avoid breathing fumes—use a NIOSH-approved respirator with an acid cartridge, if needed.

VENTILATION: MECHANICAL (General)
Low powered exhaust fans are recommended.

LOCAL EXHAUST
Generally adequate.

PROTECTIVE GLOVES
Rubber gloves (such as UNITED A392) recommended.

EYE PROTECTION
Chemical, goggles (such as UNITED A393) recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Long sleeves are recommended.

WORK HYGIENIC PRACTICES
Remove contaminated clothing immediately and wash with soap and water before reusing. Wash hands and face with soap and water after using this product.

UNITED 18 SAFEWAY DESCALER