1. PRODUCT DATA
Product Name: 200 Lime-Solv
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
Company Contact: Ken Eglin
Telephone: 800-283-3888
24-Hour Emergency Contact: CHEMTREC 800-424-9300
This product is manufactured for Commercial/Industrial use. Not recommended for: Household use.

2. HAZARDS IDENTIFICATION
GHS Ratings:
- Metal Corrosion: 1
- Skin Corrosion: 1
- Eye Damage: 1
- Inhalation Toxicity: Acute 4

GHS Hazards:
- H290 May be corrosive to metals
- H314 Causes severe skin burns and eye damage
- H318 Causes serious eye damage
- H332 Harmful if inhaled

GHS Precautions:
- P234 Keep only in original container
- P260 Do not breathe dust/fume/gas/mist/vapors/spray
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P264 Wash hands thoroughly after handling
- P271 Use only outdoors or in a well-ventilated area
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P310 Immediately call a POISON CENTER or doctor/physician
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P363 Wash contaminated clothing before reuse
- P390 Absorb spillage to prevent material damage
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

3. COMPOSITION

<table>
<thead>
<tr>
<th>Chemical Name/ CAS No.</th>
<th>Component %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Chloride 7647-01-0</td>
<td>&lt;20</td>
<td>5 ppm</td>
<td>2 ppm</td>
</tr>
</tbody>
</table>

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

4. FIRST AID MEASURES
Eyes: Flush with water for 15 minutes. Seek immediate medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

Ingestion: Do not induce vomiting! Seek immediate medical attention.
5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO₂, dry chemical

Special Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Unusual Fire Hazards: Not determined.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: Mop up or absorb onto absorbent material and collect for disposal. Dispose of contents/container to an approved waste disposal plant.

7. HANDLING AND STORAGE

Handling Precautions: Avoid contact with strong alkalis and oxidizers. Handle in accordance with good industrial hygiene and safety practices. Wear protective gloves, clothing, eye and face protection. Do not eat, drink or smoke when using this product. Do not breathe fumes, mist, vapors, or spray. Use only with adequate ventilation. Wash face, hands, and any exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse.

Storage: Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. KEEP OUT OF THE REACH OF CHILDREN.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Chloride</td>
<td>7647-01-0</td>
<td>5 ppm</td>
<td>2 ppm</td>
</tr>
</tbody>
</table>

Engineering controls: Apply technical measures to comply with the occupational exposure limits: showers, eyewash stations, ventilation systems.

Monitoring: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse.

Eye Protection: Safety glasses with side shields or chemical goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene) clothing and boots.

Respiratory Protection: None needed under normal use conditions with adequate ventilation. If the occupational exposure limits are exceeded, a NIOSH approved respirator with acid gas cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear yellowish liquid

Odor: Sharp acid

pH@25°C: 1.0 @ 1% solution

Melting/Freezing Point: Not Determined

Flash point: Not Determined

Flammability: UEL & LEL - Not determined

Specific Gravity: 1.11

Solubility: Complete

Auto-ignition Temperature: Not Determined

Decomposition Temperature: Not Determined

VOC Content: Not Determined

Odor Threshold: Not Determined

Boiling Range: >212°F

Evaporation Point: Not Determined

Flammable Limits: UEL & LEL - Not determined

Vapor Pressure: 25 mmHg

Vapor Density (Air=1): 1.64

Viscosity: Not Determined

Weight Per Gallon: 8.5 lbs

10. STABILITY AND REACTIVITY

Stability: STABLE

Conditions to Avoid: Extreme temperatures; KEEP OUT OF REACH OF CHILDREN.

Hazardous Decomposition/By-products: Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization: Will not occur

Polymerization Conditions to avoid: None

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Contact and inhalation; ingestion possible.

Inhalation: Do not inhale.

Eye Contact: Will cause severe burns on contact and will damage eyes.
SAFETY DATA SHEET

Skin Contact: Causes severe skin burns.
Ingestion: Do not taste or swallow.
Toxicity:

<table>
<thead>
<tr>
<th>Name</th>
<th>LD50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Chloride</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

Reproductive Effects: N/A
Teratogenicity: N/A
Mutagenicity: N/A
Embryotoxicity: N/A
Sensitization to Product: N/A
Synergistic Products: N/A

12. ECOLOGICAL INFORMATION
Ecotoxicity: This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Mobility: Information not available.
Degradability: Information not available.
BioAccumulation: Information not available.

13. DISPOSAL
Follow federal, state, and local regulations.

14. TRANSPORTATION INFORMATION
The following is for US DOT Highway transportation. Other modes/jurisdictions may have different classifications.

<table>
<thead>
<tr>
<th>Agency</th>
<th>Proper Shipping Name</th>
<th>UN Number</th>
<th>Packaging Grp.</th>
<th>Hazard Cls.</th>
</tr>
</thead>
<tbody>
<tr>
<td>US DOT</td>
<td>Corrosive Liquid N.O.S. (Hydrochloric Acid)</td>
<td>UN1760</td>
<td>II</td>
<td>8</td>
</tr>
</tbody>
</table>

LEGEND

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

DISCLAIMER: While this company believes that the data contained herein are factual and the opinions expressed are based on tests and data believed to be reliable, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by this company as to the effects of such use, the results to be obtained, or the safety and toxicity of the product, nor does this company assume any liability arising out of use, by others, of the product referred to herein. Nor is this information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or governmental regulations.

REQUIRED SUPPLEMENTAL CONTRACT TERMS: Failure to obtain a property owner's written acceptance of the enclosed Required Supplemental Terms and Conditions for Restoration Contract shall release any and all of the manufacturer's express or implied warranties (including, without limitation, merchantability and fitness for particular purpose) and user shall indemnify and hold manufacturer harmless from all liability cost and expenses arising in any way from use of or contact with this product. All claims of any kind against manufacturer arising from or related to this product in any way shall be decided by binding arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association. Copyright © 2016

Diedrich Technologies is a division of Hohmann & Barnard, Inc.

Hohmann & Barnard, Inc.
30 Rasons Court | Hauppauge, NY 11788
TEL: 800-645-0616 | FAX: 631-234-0683
EMAIL: weanchor@h-b.com | www.h-b.com