ARCHITECTURAL & SPECIALTY MASONRY CLEANER

1. PRODUCT DATA
Date of Preparation: March 1, 2015
Product Name: Architectural & Specialty Masonry Cleaner
Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303
Company Contact: Mike 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:
Skin corrosive: 1A
Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal
Eye corrosive: 1
Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5
Respiratory sensitizer: 1
Respiratory sensitizer
Reproductive toxin: 2
Human or animal evidence possibly with other information

GHS Hazards
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H361 Suspected of damaging fertility or the unborn child

GHS Precautions
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P260 Do not breathe dust/fume/gas/mist/vapors/spray
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P264 Wash skin thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection
P281 Use personal protective equipment as required
P285 In case of inadequate ventilation wear respiratory protection
P310 Immediately call a POISON CENTER or doctor/physician
P321 Specific treatment (see section 4)
P363 Wash contaminated clothing before reuse
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
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313 IF exposed or concerned: Get medical advice/attention
P342+P311 Call a POISON CENTER or doctor/physician
P405 Store locked up
P501 Dispose of contents/container according to local regulation

Danger
6. ACCIDENTAL RELEASE MEASURES
Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk, stay upwind, and avoid run off to waterways and sewers.

SMALL SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal.

LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Dike to collect large liquid spills, collect leaking liquid in saleable compatible containers.

ACID SPILLS: Neutralize with Soda Ash, (Sodium Carbonate) Hydrated Lime, (Calcium Hydroxide) or Baking Soda (Sodium Bicarbonate). Cautiously neutralize remainder. Then wash away with plenty of water.

4. FIRST AID MEASURES

Inhalation: Remove from further exposure. For those providing assistance, avoid exposure to yourself. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, a trained individual should attempt to resuscitate while getting immediate medical aid.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.

Skin Contact: In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

Ingestion: If conscious, give 2 to 3 glasses of water. Do not induce vomiting and seek medical attention immediately.

Notes to Physician: No data found.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable Limits: LEL: N/A UEL: N/A

Flash Point: No data available.

Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Unusual Fire or Explosion Hazards: No data available.

Hazardous Combustion Products: See Section 10 for a list of hazardous decomposition products for this mixture.

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Fire Fighting: Fire fighters should wear complete protective clothing including self-contained breathing apparatus.
Ventilation Control: Provide adequate ventilation to control airborne concentration below the exposure guidelines/limits.

Administrative controls: No data found.

Personal Protection: As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard Assessment of all workplaces to determine the need for proper protective equipment for each employee.

Eye Protection: Normal industrial eye protection practices should be employed.

Skin Protection: In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Respiratory: If airborne concentration limits are not met, an approved respirator must be worn.

Contaminated Equipment: Dispose of the waste in compliance with federal, state, regional, and local regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES
Melting point: Not Determined
Freezing point: Not Determined
Solubility: Complete
Boiling range: 85°C
Flash point: 999 C, 999 F
Evaporation rate: Not Determined
Flammability: Not Determined
Appearance: Clear, Colorless
Odor: Mild
Physical State: Liquid
Vapor Pressure: Not Determined
Odor threshold: Not Determined
Vapor Density: Not Determined
pH: Strong Acid <1
Explosive Limits: 0%
Partition coefficient (n-Octanol/water): Not Determined
Autoignition temperature: N/A
Decomposition temperature: Not Determined
Viscosity: Not Determined
Density: 1.109022854

10. STABILITY AND REACTIVITY
Stability: STABLE
Incompatibilities: Avoid contact with strong bases.

Hazardous Decomposition Products: Note: these are all possible decomposition products based on molecular structure of components.
- Hydrogen Chloride
- Chlorine, or Oxides of Chlorine
- Oxides of Phosphorus
- Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION
Mixture Toxicity
Inhalation Toxicity: 69.28mg/L

Component Toxicity
7664-38-2 Phosphoric acid
Oral: 1,530.00 mg/kg (Rat)
Dermal: 2,730.00 mg/kg (Rabbit)

Routes of entry: No data found.
Target Organs: Eyes, Skin, Respiratory System

12. ECOLOGICAL INFORMATION
Ecotoxicity: No data available for this product.

13. DISPOSAL
Disposal Instructions: Refer to the latest federal, state, and local regulations regarding proper disposal.

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 Group</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>US DOT</td>
<td>Corrosive Liquid NOS (Phosphoric Acid Glycolic Acid)</td>
<td>UN1760</td>
<td>II</td>
<td>8</td>
</tr>
</tbody>
</table>

15 - REGULATORY INFORMATION
This listing is to highlight federal level regulation of the product. Individual states, and other nations may have further regulations not listed below.

US DOT List of Marine Pollutants (172.101 - Appendix B): None

- 7647-01-0 Hydrochloric Acid 5%
- 7664-38-2 Phosphoric acid 15%
SAFETY DATA SHEET

US DOT List of Severe Marine Pollutants (172.101 - Appendix B): None

SARA Section 302 Extremely Hazardous Substances (40 CFR 355): 7647-01-0 Hydrochloric Acid 5%

Sara Section 302 Threshold Planning Quantity:
7647-01-0 Hydrochloric Acid 5%

SARA Section 313, Toxic Chemicals (40 CFR 372.65):
7647-01-0 Hydrochloric Acid 5%
SARA Reportable Quantity,
7647-01-0 Hydrochloric Acid 5%
7664-38-2 Phosphoric acid 15%

EU RISK PHRASES
Toxic Substances Control Act (TSCA): All components are listed or exempt from the Toxic Substances Control Act except those listed below.
- None

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 (SARA): This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations, part 372.
7647-01-0 Hydrochloric Acid 5.0%

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>Hazardous Material Information System (HMIS)</th>
<th>National Fire Protection Association (NFPA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>Flammability</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>Health</td>
</tr>
<tr>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>Instability</td>
</tr>
<tr>
<td>D</td>
<td>** = CHRONIC HEALTH HAZARD</td>
</tr>
<tr>
<td></td>
<td>0 = INSIGNIFICANT</td>
</tr>
<tr>
<td></td>
<td>1 = SLIGHT</td>
</tr>
<tr>
<td></td>
<td>2 = MODERATE</td>
</tr>
<tr>
<td></td>
<td>3 = HIGH</td>
</tr>
</tbody>
</table>

HMIS & NFPA Hazard Rating Legend

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>1</td>
<td>D</td>
</tr>
</tbody>
</table>

LEGEND

0 = LEAST 1 = SLIGHT  2 = MODERATE  3 = HIGH  4 = EXTREME
N.D. = NOT DETERMINED  N.A. = NOT AVAILABLE  N/A = NOT APPLICABLE

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 © 2015

Diedrich Technologies is a division of

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