GREEN CLEAN 250
MANUFACTURED STONE CLEANER

1. PRODUCT DATA
Date of Preparation: March 1, 2015
Product Name: Green Clean 250 Manufactured Stone 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:
Dermal Toxicity: Acute Tox. 1
Dermal <=50mg/kg
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

GHS Hazards
H310 Fatal in contact with skin
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

GHS Precautions
P260 Do not breathe dust/fume/gas/mist/vapors/spray
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P262 Do not get in eyes, on skin, or on clothing
P264 Wash skin thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P280 Wear protective gloves/protective clothing/eye
protection/face protection
P285 In case of inadequate ventilation wear respiratory
protection
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce
vomiting
P302+P350 IF ON SKIN: Gently wash with soap and water
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
P342+P311 Call a POISON CENTER or doctor/physician
P405 Store locked up
P501 Dispose of contents/container according to local
regulation

Danger
3. COMPOSITION

<table>
<thead>
<tr>
<th>Chemical Name/ CAS No.</th>
<th>OSHA Exposure Limits</th>
<th>ACGIH Exposure Limits</th>
<th>Other Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic acid 64-19-7</td>
<td>10 ppm TWA; 25 mg/m³ TWA</td>
<td>15 ppm STEL 10 ppm TWA</td>
<td>NIOSH: 10 ppm TWA; 25 mg/m³ TWA 15 ppm STEL 37 mg/m³ STEL</td>
</tr>
</tbody>
</table>

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.

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.

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 sealable 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.

7. HANDLING AND STORAGE

Handling Precautions: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containment closed when not in use. Do not handle or store material near heat, sparks, or open flames, or other sources of ignition.

**Storage:** Prevent from freezing. Store at room temperatures, i.e., 40º to 95ºF (4º to 35ºC)

**Regulatory Requirements:** No data found

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

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<tbody>
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<td>Acetic acid 64-19-7</td>
<td>10 ppm TWA; 25 mg/m³ TWA</td>
<td>2 15 ppm STEL 10 ppm TWA ppm Ceiling</td>
<td>NIOSH: 10 ppm TWA; 25 mg/m³ TWA 15 ppm STEL 37 mg/m³ STEL</td>
</tr>
</tbody>
</table>

**Engineering controls:** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

**Ventilation Control:** Provide adequate ventilation to control airborne concentration below the exposure guidelines/limits.
11. TOXICOLOGICAL INFORMATION

**Mixture Toxicity**
- **Dermal Toxicity:** 3.00mg/kg
- **Inhalation Toxicity:** 30.84mg/L

**Component Toxicity:**
- 64-19-7 Acetic acid
  - **Oral:** 3,310.00 mg/kg (Rat) Dermal: 1,060.00 μL/kg (Rabbit) Inhalation: Rat mg/L (Rat)

**Routes of entry:** No data found.

**Target Organs:** Eyes, Skin, and Respiratory System

**Effects of Overexposure:** Causes severe skin burns and eye damage.

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Description</th>
<th>% Weight</th>
<th>Carcinogen Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available for this product.

**Component Ecotoxicity**
- Acetic acid 96 Hr LC50 Pimephales promelas: 79 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 75 mg/L [static]; 48 Hr EC50 Daphnia magna: 65 mg/L [Static]

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>Compressible Liquid NOS. (Acetic 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
- US DOT List of Severe Marine Pollutants (172.101 - Appendix B): None
## SARA Section 302 Extremely Hazardous Substances (40 CFR 355)

None

## Sara Section 302 Threshold Planning Quantity: None

## SARA Section 313, Toxic Chemicals (40 CFR 372.65): None

## SARA Reportable Quantity: None

### 64-19-7 Acetic acid 37%

### 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.

### 16. OTHER INFORMATION

#### Hazardous Material Information System (HMIS)

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Instability</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
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</table>

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### LEGEND

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<thead>
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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>LEAST</td>
</tr>
<tr>
<td>1</td>
<td>SLIGHT</td>
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<tr>
<td>2</td>
<td>MODERATE</td>
</tr>
<tr>
<td>3</td>
<td>HIGH</td>
</tr>
<tr>
<td>4</td>
<td>EXTREME</td>
</tr>
<tr>
<td>N.d.</td>
<td>NOT DETERMINED</td>
</tr>
<tr>
<td>N.a.</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>N/A</td>
<td>NOT APPLICABLE</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.

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