

MSDS

HERTRON INTERNATIONAL, INC.

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: CERAMIC FLOOR CLEANER

Date: 6/12/02

H.M.I.S.

COMPANY:

HERTRON INTERNATIONAL, INC.
306 CLANTON ROAD
CHARLOTTE, NC 28217

EMERGENCY PHONE: 800-438-5066

| | | |
|---|-----------------------------|---|
| 1 | HEALTH | HAZARD RATING 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant |
| 1 | FIRE | |
| 1 | REACTIVITY | |
| B | MAXIMUM PERSONAL PROTECTION | |

A=Goggles, B=Goggles & Gloves, C=Goggles, Gloves & Apron

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

| or HAZARDOUS CHEMICAL IDENTITY | CAS NO. | % | PEL | TLV | LD50 | LC50 |
|---------------------------------|-------------|------|--------|--------|-----------|--------|
| Ethylene Glycol Monobutyl Ether | 111-76-2 | 8-10 | 500ppm | 100ppm | 2.68ml/kg | 450ppm |
| Hydrochloric Acid, 32%* | 7647-01-0 | 2-4 | 7mg/m3 | 5ppm | 900mg/kg | N/A |
| Sulfamic Acid | 5329-14-6 | 8-12 | N/A | N/A | N/A | N/A |
| Polyethoxylated Nonylphenol | 127087-87-0 | 1-3 | N/A | N/A | 1.3g/kg | N/A |

SARA: None of these materials contains a toxic chemical or chemicals subject to the reporting requirements of section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR part 372.

*SARA: This material contains a toxic chemical or chemicals listed in section 355, Appendix A, of the Superfund Amendments and Reauthorization Act of 1986.

PROPOSITION 65: None of these materials contains a chemical chemicals that appear on California's list of "chemicals known to the state to cause cancer or reproductive toxicity, May 17, 2002"

SECTION 3 – PHYSICAL DATA

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|-----------------------------------|-----------------------------|---------------------------------|-------------------------------|
| Color and Odor: Pink, Slight Odor | Boiling Point: N/A | Vapor Pressure (mmHG): N/A | pH: 1.2 |
| Physical State: Liquid | Freezing Point: N/A | Vapor Density (Air=1): N/A | Specific Gravity: 1.03 |
| Odor Threshold: N/A | Water/Oil Distribution: N/A | Evaporation Rate (Water=1): N/A | Solubility in Water: Miscible |

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

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| Flash Point and Method: N/A. | Autoignition Temperature: N/A | Extinguishing Media: Use media proper to the primary cause of fire. |
| Flammable Limits: N/A. | LEL: N/A UEL: /A | Special Fire Fighting Procedures: Use proper protective equipment. |
| Hazardous Combustion Products: Carbon oxides | | Unusual Fire and Explosion Hazards: N/A |

SECTION 5 – REACTIVITY DATA

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| Chemical Stability: Yes X No ___ | Hazardous Decomposition of By-Products: N/A |
| Incompatibility (Materials to Avoid): Alkalis, Strong Oxidizing Agents | Hazardous Polymerization May Occur ___ Will Not Occur X |

SECTION 6 – TOXICOLOGICAL PROPERTIES

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| Routes of Entry: Ingestion, Inhalation, Skin, Eyes | Toxicologically Synergistic Products: None known |
| Sensitization: Not Known | Medical Conditions Aggravated by Exposure: N/A |
| Carcinogenicity: N/A | Teratogenicity: N/A |
| | Mutagenicity: N/A |
| | Reproductive Toxicity: N/A |

EFFECTS OF OVEREXPOSURE (ACUTE AND/OR CHRONIC):

Eyes: May cause severe irritation, redness, burns and possible corneal injury.

Skin: May cause irritation, redness.

Ingestion: May cause severe irritation of the gastrointestinal tract.

Inhalation: May irritate respiratory tract and/or cause dizziness when used with inadequate ventilation.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

| | |
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| Respiratory Protection: None normally required with adequate room ventilation. | Ventilation: Local Exhaust: _____ Mechanical: X |
| Protective Gloves: Rubber or PVC | Eye Protection: Goggles |
| Protective Clothing and Equipment: Normal Work Clothes | Work and Hygienic Practices: Wash hands and face before eating, drinking or smoking |
| Storage Requirements: Store in closed containers in a cool dry place away from food. Other Requirements: Keep out of the reach of children. | |

Steps To Be Taken If Material Is Spilled or Released: Collect and reuse if possible. Dilute and flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

SECTION 8 – EMERGENCY AND FIRST AID PROCEDURES

FIRST AID NOTES TO PHYSICIAN:

Eyes: Flush with a large amount of water for 30 minutes holding eyelids open. Seek medical attention.

Skin: Remove contaminated clothing and footwear. Flood/shower with water for 30 minutes.

Ingestion: Rinse mouth with water. Give 2-3 large glasses of water. Induce vomiting. Seek medical attention.

Inhalation: Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.