

MATERIAL SAFETY DATA SHEETS (MSDS)

ITEM NUMBER: 0180041- HEAVY DUTY DEGREASER/FLOOR CLEANER
IDENTITY (As Used On Label and List): HEAVY DUTY DEGREASER/ FLOOR CLEANER

Emergency Medical Telephone Number 800-255-3924 (24 HRS) DMS # 128

PRODUCT HAZARD RATINGS: - Health = 3, Fire = 3, Reactivity = 1, Protective Equipment = *B (HMIG)
(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

Section I

Manufacture by;

DETERGENT MARKETING SYSTEMS, INC.
900 RATHBONE AVENUE
AURORA, IL 60506

TELEPHONE NUMBER FOR INFORMATION:
630-859-8200
DATE PREPARED: 2/1/03
NAME OF PREPARER: MIKE GASTEIER

Section II - Hazardous Ingredients/Identity Information

Components are listed in this section if they present a physical or health hazard and are present at or above 1% in the mixture. If a component is identified as as CARCINOGEN by NTP, IARC, or OSHA as of the date of the MSDS, it will be listed and footnoted in this section when present at or above 0.1% in the product. Negative conclusions concerning carcinogenicity are not reported. Additional health information may be found in Section V. Components subject of the reporting requirements of Section 313 of SARA Title III are identified in the footnotes in this section, along with typical percentages. Other components may be listed if deemed appropriate.

Exposure recommendations are for components. OSHA Permissible Exposure Limits (PELS) and American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLV's) appear on the line with the component identification. Other recommendations appear as footnotes.

Chemical Names	Exposure Limits (LD50-Oral Rat)	Sara Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
2 - Butoxyethanol (CAS # 11176-2)			25 ppm		4-5%

Section III - Physical Characteristics

Boiling Point: N/A	Vapor Pressure (mmHG): N/A	Specific Gravity (H2O=1): 0.984
Solubility/Water: Complete	Vapor Density (AIR = 1): +1	Evaporation Rate (Ether=1): About the same
Apperance and Odor: purple\ammonium		pH: 12

Section IV - Fire and Explosion Hazard Data

Flash Point (TCC): None to boiling
Flammable Limits - N/A
Extinguishing Media: Water, CO2, Dry Chemical, Foam
Special Fire Fighting Procedures: None known
Unusual Fire and Explosion Hazards: None known

Section V - Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): None known
Hazardous Decomposition Products: None known
Conditions to Avoid: Do not store above 54C - 130F.

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Section VI - Health Hazards**Routes of entry - skin, eyes, ingestion, inhalation****Signs and Symptoms of Exposure :** Irritation of skin or redness of eyes.**Medical Conditions Generally Aggravated by Exposure:** Preexisting skin or eye disorders may be aggravated by exposure to this product.**Emergency and First Aid Procedures:** Get medical attention. Inhalation: Remove victim to fresh air and restore breathing if necessary. Stay with victim until arrival of emergency medical personnel. In case of eye contact, flush immediately with large amounts of water for 15 minutes. If irritation persists, seek medical attention.**Skin:** Remove contaminated clothing. Wash affected area with soap and water. If irritation persists, consult a physician. **Ingestion:** Do not induce vomiting, drink milk or water.**Section VII - Precautions for Safe Handling and Use****Releases or Spilled:** Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.**Waste Disposal Method:** Dispose in accordance with local, state, and federal regulations.**Handling and Storing:** Store in cool dry place away from heat.**Other Precautions:** Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.**Section VIII - Employee Protection****Respiratory Protection:** (Type): None, if exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.**Ventilation:** Local exhaust is adequate under normal conditions, mechanical ventilation is optional.**Protective Gloves:** Rubber**Eye Protection:** Niosh goggles**Other Protective Clothing or Equipment:** Wear impervious clothing to prevent skin contact.**Work/Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.**Section IX - Other Regulatory Controls****Governmental Listings:** Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.**Section X - Transportation (D.O.T. Classification)****DOT Class:** Not D.O.T. regulated**KEEP OUT OF REACH OF CHILDREN****NG - Negligible NA - Not Applicable NE - Not Established UN - Unavailable ND - Not Determined**

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