

MATERIAL SAFETY DATA SHEETS
(MSDS)

ITEM NUMBER: 0138041 - TUB & TILE CLEANER
IDENTITY (As Used On Label and List): TUB & TILE CLEANER

Emergency Medical Telephone Number 800-255-3924 (24 HRS) DMS # 172

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

Section I

Manufactured by;

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

TELEPHONE NUMBER FOR INFORMATION:
630-859-8200
DATE REVISED: 03/07/2003
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 a 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 to 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.
Phosphoric Acid, 75% (7664-38-2)			1.0 TWA		30
Alkyl Dimethyl Benzyl Ammonium Chloride (584-24-1)			NE	NE	2.54
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (8001-54-5)			NE	NE	
Alkyl Aryl Polyether Alcohol (901-45-9)	3.8g/kg		NE	NE	10

Section III - Physical Characteristics

Boiling Point: ND Vapor Pressure (mmHG): ND
Solubility/Water: Complete Vapor Density (AIR = 1): ND
Appearance and Odor: Clear yellow-green liquid; mint fragrance

Specific Gravity (H2O=1): 1.17
Evaporation Rate (Ether=1): ND
pH: 0.70 @ 22 C
1.9 @ 22 C in 1% solution

Section IV - Fire and Explosion Hazard Data

Flash Point (TCC): None

Flammable Limits - N/A

Extinguishing Media: Non-flammable

Special Fire Fighting Procedures: None known

Unusual Fire and Explosion Hazards: None known

Section V - Reactivity Data

Stability: Stable

Incompatibility (Materials to Avoid): Bleach, aluminum metal, anionic surfactants, strong oxidizers.

Hazardous Decomposition Products: Incomplete combustion will generate carbon monoxide and perhaps other toxic gases.

Conditions to Avoid: High temperatures/sever oxidizing conditions.

Section VI - Health Hazards

Routes of entry - skin, eyes, ingestion

Signs and Symptoms of Exposure : Irritation or corrosion of exposed areas..

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency and First Aid Procedures:

Eyes: In case of contact, immediately flush eyes with water for at least 15 minutes. Contact a physician.

Skin: Remove contaminated clothing and flush with water.

If swallowed: Immeadiately give large quantities of water, egg whites, gelatin solution, or milk. DO NOT INDUCE vomiting. Th give milk of magnesia. Call physician immeadiately.

Section VII - Precautions for Safe Handling and Use

Releases or Spilled: Collect for disposal. Flush with water to sewer system.

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

Handling and Storing: Wear protective gear while handling. Avoid contact with eyes or skin.

Other Precautions: Use only in accordance with the instructions on the containers. Corrosive to common metals. Keep from free; Avoid storing in high temperatures.

Section VIII - Employee Protection

Respiratory Protection: (Type): None

Ventilation: Normal

Protective Gloves: Rubber or plastic

Protective Goggles: Splash goggles

Other Protective Clothing or Equipment: Rubber or plastic apron.

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

NG - Negligible NA - Not Applicable NE - Not Established UN - Unavailable ND - Not Determined

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