

MATERIAL SAFETY DATA SHEETS (MSDS)

ITEM NUMBER: 0160450- SPARKLEEN ECO MAX BALL WASHER
IDENTITY (As Used On Label and List): SPARKLEEN ECO MAX BALL WASHER DETERGENT TABLETS

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

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

Section I

DETERGENT MARKETING SYSTEMS, INC. TELEPHONE NUMBER FOR INFORMATION:
300 N. LAKE STREET 630-859-8200
MONTGOMERY, IL 60538 DATE REVISED: 07/11/2012
NAME OF PREPARER: Jessica Schmedeke

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.
Dimethyl Benzyl Ammonium Chloride Dihydrate (Cas# 8001-54-5)				N/A	50%

Section III - Physical Characteristics

Boiling Point: N/A	Flash Point PMCC: >200F	Specific Gravity (H2O=1): N/A
Solubility/Water: Soluble	Physical form: Solid (tablet)	Volatiles: Non Volatile
Appearance and Odor: White/Odorless Tablet		Melting Point >125F

Section IV - Fire and Explosion Hazard Data

Flash Point (PMCC): >200F
Flammable Limits - Undetermined
Extinguishing Media: Water Spray, Carbon Dioxide, Dry Chemicals, Foam
Special Fire Fighting Procedures: None known
Unusual Fire and Explosion Hazards: None known
Hazardous Thermal Decomposition Products: Carbon Mono/Dioxide

Section V - Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): Acids; Strong Oxidizing Agents
Hazardous Polymerization Will Not Occur
Conditions to Avoid: None known

Section VI - Health Hazards

Routes of entry - Ingestion

Signs and Symptoms of Exposure : None known

Medical Conditions Generally Aggravated by Exposure: Preexisting skin or eye disorders may be aggravated by exposure to this product.

Emergency and First Aid Procedures:

Eyes and Skin: If tablet dust gets in eyes or on skin, flush with plenty of water.

Ingestion: If tablets are swallowed, drink promptly a large quantity of water. Avoid alcohol.

Get medical attention immediately.

Inhalation: N/A

Toxicity: Acute oral toxicity in mice in 24 hours: LD 50 mg/kg = 760 +/- 146

Section VII - Precautions for Safe Handling and Use

This product, being solid, tablet form does not involve the hazards of spills or leaks associated with handling liquid or powdered type products.

Waste Disposal Method: This product is intended for use in commercial and insitutional dishwash operations and may be disposed of with wash water into the sanitary sewage system. Product is biodegradable. Do not reuse empy container, wrap container and put in trash.

Section VIII - Employee Protection

Respiratory Protection: (Type): None

Ventilation: None

Protective Gloves: No

Protective Goggles: No

Other Protective Clothing or Equipment: None

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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