

Section 1—Chemical Product and Company Identification

Product Identifier: Medallion

Product Use: Laundry detergent powder

Manufacturer: Montgomery Manufacturing Co., 118 Industrial Drive, Kennedale, Texas 76060, tel 817-478-3221.

Emergency Contact: InfoTrac, +1 352-323-3500 (international), 800-535-5053 (toll free US and Canada).

Section 2—Hazards Identification

Physical Hazards: Metal Corrosive: 1

Health Hazards: Eye Corrosion: 1

Skin Irritation: 2

Environmental Hazards: Acute Aquatic Toxicity: 3

Acute Aquatic Toxicity: 3

Signal Word: None.

Symbols:



Hazard Statements: May be corrosive to metals. Causes serious eye damage. Causes skin irritation. Harmful to aquatic life with long lasting effects.

Precautionary Statements: Absorb spillage to prevent material damage. Wash hands thoroughly after handling. Wear protective gloves and eye protection. Avoid release to the environment.

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Store in corrosive resistant container with a resistant inner liner.

Dispose of contents and container in accordance with local, regional, national, international regulations.

Other Hazards: None found.

Unknown Ingredients: N/D

Section 3—Information on Ingredients

Ingredient Name	Ingredient Percentage	Ingredient CAS No
Alcohol C ₁₂₋₁₆ , Poly(1-6) Ethoxylate	5-10	68551-12-2
Sodium Mesilicate Anhydrous	10-30	6834-92-0
Product as a Whole	100	N/D

Section 4—First Aid Measures

Skin contact: If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

Eye contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Ingestion: If swallowed: Rinse mouth. Do not induce vomiting. Call a doctor if you feel unwell.

Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.

Most important symptoms/effects, acute and delayed: N/D

Indication of immediate medical attention/special treatment: If exposed or concerned: Get medical attention.

Section 5—Fire-Fighting Measures

Suitable extinguishing media: Use media suitable to surrounding fire.

Specific hazard arising from chemicals: N/D

Special equipment and precautions: Normal protective clothing. Self contained breathing apparatus should be provided to firefighters in confined spaces.

Section 6—Accidental Release Measures

Personal precaution, protective equipment, emergency procedures: Avoid contact with skin and eyes. Do not ingest. Do not inhale. Wear Personal Protective Equipment (refer to section 8).

Methods and material for containment and clean up: Avoid release to the environment. Absorb liquid with inert material. Sweep up and place in a container. Material may become slippery. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

Section 7—Handling and Storage

Precautions for safe handling: Wash thoroughly after handling, especially before eating, drinking, smoking or using restroom facilities. Wash goggles and gloves. Launder contaminated clothing. Do not swallow. Do not get in eyes. Do not inhale mists or vapors.

Cautions for safe storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Incompatibilities: N/D

Section 8—Exposure controls/personal protection

Exposure Limits:

Sodium Metasilicate Anhydrous: TLV (ACGIH) 2 mg/m³

Specific Engineering: N/D

Individual protective equipment and measures: Eye Protection: If eye exposure to powder is likely, use tight fitting chemical safety goggles. Gloves: Cloth, leather or rubber. Ventilation: Use dust collector to prevent distribution of airborne dust. Other Protective Equipment: Boots, aprons or chemical suits

should be used when necessary to prevent skin contact. Personal protective clothing and use of equipment must be in accordance with 29 CFR 1910.132, 133 and 138.

Section 9—Physical and Chemical Properties

Physical State: Solid (powder or granule)	Flammability (solid, gas): N/D
Color: N/D	Vapor Pressure (mmHg): N/D
Odor: N/D	Vapor Density (air= 1): N/D
Odor Threshold: N/D	Relative Density: N/D
pH: N/D	Solubilities: In water: N/D
Melting point/freezing Point: N/D	Partition Coefficient: N/D
Initial Boiling Point and Boiling Range: N/D	Auto-Ignition Temperature: N/D
Flash Point: N/D	Decomposition Temperature: N/D
Evaporation Rate: N/D	Viscosity: N/D
Upper/Lower Flammability or Explosive limits: N/D	

Section 10—Stability and Reactivity:

Chemical Stability: Stable	Condition to Avoid: N/D
Reactivity: No specific reactivity test data available for this mixture.	Possibility of Hazardous Reaction: Hazardous Polymerization: N/D
Incompatible Materials: N/D	Hazardous Decomposition Products: N/D

Section 11—Toxicological information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Alcohol C ₁₂₋₁₆ , Poly(1-6) Ethoxylate	500 mg/kg	N/D	N/D
Sodium Mesilicate Anhydrous	1,280 mg/kg	N/D	N/D
Product as a Whole	2,227 mg/kg	N/D	N/D

Important symptoms: Refer to Section 4—First Aid Measures.

Effects of Acute Exposure: None known

Effects of Chronic Exposure: None known

Carcinogenicity: IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

Other Data: Sodium Borate Reproductive Effects: Experiments have shown reproductive toxicity effects on laboratory animals. Teratogenicity: May cause harm to the unborn child.

Section 12—Ecological Information:

Ecotoxicity: Harmful to aquatic life with long lasting effects.

Alcohol C₁₂₋₁₆, Poly(1-6) Ethoxylate: Aquatic Acute: Crustacea LC50 Daphnia 1.8 - 12.1 mg/l, 48 hours.

Fish LC50 Fish 73 - 96 mg/l, 96 hours.

Chronic: Fish LC50 Fish 0.9 - 2.4 mg/l, days.

Persistence and degradability: N/D	Bioaccumulative Potential: N/D
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Mobility in Soil: N/D	Other Adverse Effects: N/D
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Section 13—Disposal Considerations

Waste Treatment Method: Avoid release to the environment. Collect spillage. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

Section 14—Transport Information

UN number:	UN proper shipping name:
Transport hazard class(es) :	Packing group if applicable:
Environmental hazards:	Special precautions:
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	

Section 15—Regulatory information

Section 16—Other Information

Key to Abbreviations:

no info not determined, no information found

N/D not determined, no information found

Date SDS Prepared: July 16, 2015

Suggested NFPA rating: N/D

Suggested HMIS rating: N/D, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.