



Safety Data Sheet

Section 1: Identification

Trade Name: Epsom Salt, Magnesium Sulfate, USP

Synonyms: Epsom Salt, Magnesium Sulfate, USP, Magnesium Sulfate Heptahydrate, Epsom Salts

Company: Soapgoods Inc

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Section 2: Hazard(s) Identification

Classification GHS: not Classified EC: Not Classified

Label Elements Not Applicable

Hazard Summary: Spillages may be slippery. Dust may cause mild eye irritation. Ingestion may cause abdominal cramps and diarrhea

Section 3: Composition/Information on Ingredients

Chemical Name	CAS No	Weight-%	Trade Secret
Magnesium Sulfate Heptahydrate	10034-99-8	100	

Section 4: First-Aid Measures

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. (Call a physician if irritation persists).

Skin Contact Not Applicable.

Inhalation Remove to fresh air. Administer oxygen if breathing is difficult. If breathing has stopped, give artificial respiration. Get medical attention immediately.

Ingestion If large quantities of this material are swallowed, call a physician immediately. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person.

Note to physicians Treat symptomatically.

Section 5: Fire-Fighting Measures

Suitable extinguishing media

This material is compatible with all extinguishing media.

Unsuitable extinguishing media

None.

Specific hazards arising from the chemical

Oxide of sulfur may be generated during fire. Noncombustible

Protective Equipment and precautions for firefighters

As in any fire, use self-contained breathing apparatus and suitable protective clothing

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear goggles. See Section 8.

Environmental precautions Wear goggles. If inhalation exposure potential is above local exposure limits, use appropriate respiratory protection for particulate, in accordance with prevailing regulatory requirements.

Environmental precautions Sinks and mixes with water. No adverse effects known.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Sweep, scoop or vacuum discharged material. Flush residue with water.

Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling Avoid breathing dust. Promptly clean up spills.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers closed and protected from extremes of temperature and humidity during storage. Material not affected by impact

Incompatible materials Metal hydrides and other water reactive materials.

Section 8: Exposure Controls/Personal Protection

Control parameters

Exposure Guidelines ACGIH: Particulate not otherwise classified. TLV Inhalable: 10 mg/m³. TLV Respirable: 3 mg/m³. OSHA: PEL Total: 15mg/m³ Respirable: 5 mg/m³

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation. Ensure eye washes and safety showers are available.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses or chemical goggles.
Skin and body protection Wear gloves if abrasion or irritation occurs.
Respiratory protection Avoid inhalation of dust. Use suitable respiratory protection in accordance with requirements of 29 CFR 1910. 134, based on the level of exposure incurred.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	Solid	Odor	None
Appearance	Granular to fine granular	Odor threshold	No information
Color	White or transparent		

Property	Values	Remarks • Method
pH	Approx. 6-7	
Melting point/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	1.76g/cm ³	
Water solubility	71g/100ml at 20°C 91g/100ml at 40°C	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available

Density	No information available
Bulk density	55-58 lb/ft ³

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to avoid	Extremes of temperature and direct sunlight.
Incompatible materials	Metal hydrides and other water reactive materials.
Hazardous Decomposition Products	At very high temperatures, magnesium oxide, sulfur dioxide and sulfur trioxide may be generated.

Section 11: Toxicological Information

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	Dust may be irritating to eyes
Skin Contact	No data available.
Ingestion	RTECS: Oral LD ₅₀ 428mg/kg in man; 351 mg/kg in woman

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	Not listed by IARC, NTP, or OSHA
Reproductive toxicity	No information available.
STOT - single exposure	Not classified
STOT - repeated exposure	Not classified
Aspiration hazard	No information available.

Section 12: Ecological Information

Ecotoxicity	Not classified as PBT vPvB
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Persistence and degradability No information available.

Bioaccumulation	Material does not bioaccumulate.
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Mobility	Sinks and mixes with water.
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Other adverse effects	No information available
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Section 13: Disposal Considerations

Waste treatment methods

Disposal of wastes This product does not exhibit any characteristics of a hazardous waste. The product is suitable for landfill disposal. Follow all applicable federal, state and local regulations for safe disposal.

Contaminated packaging Do not reuse container.

Section 14: Transport Information

DOT Not regulated by DOT as a hazardous material. No hazard class, label or placard required, no UN or NA number assigned.

Section 15: Regulatory Information

International Inventories

TSCA	Listed as magnesium sulfate
DSL/NDSL	Listed
EINECS/ELINCS	231-298-2
ENCS	Listed
IECSC	Listed
KECL	Listed
PICCS	Listed
AICS	Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 HNOC- ingestion may cause gastrointestinal upset

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not require a Proposition 65 warning statement.

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

Section 16: Other Information

NFPA

Health hazards 1	Flammability 0	Instability 0	Specific Hazards
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HMIS Health hazards 1	Flammability 0	Physical hazards 0	Personal protection
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