

Safety Data Sheet

Version: 01
Preparation Date: MAY-1-2023
Supersedes All Previous Versions

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Magnesium Liquid 27

Product Use: De-icing, Anti-icing

Manufacturer/Distributor: Hot Salt LLC
1580 NW 3rd Street
Deerfield Beach, FL 33442

Telephone: 954-781-9200

24-Hour Emergency Telephone Number: CHEMTREC:1-800-424-9300
CCN 678493

WHMIS Classification: Not controlled

Chemical Family: Inorganic salt solution

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification		
Physical	Health	Environment
Not Hazardous	Not Hazardous	Not Hazardous
GHS Label Element	Not Hazardous	

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	% by Weight
Magnesium Chloride	7786-30-3	27.0%

SECTION 4: FIRST-AID MEASURES

Eye: May cause slight eye irritation, immediately wash with water for 15 minutes. Get medical attention if irritation persists.

Skin: May cause skin irritation, wash skin thoroughly with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Low in toxicity. May cause diarrhea and vomiting when large quantities are ingested.

Inhalation: Not applicable.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Appropriate extinguishing media. This product is not combustible. Choose media depending on surrounding fire. All extinguishing medias are allowed.

Specific Hazards Arising from the Chemical: Expose to temperature above 160 C gives formation of toxic chloride gases

Protective Equipment and Precaution: Protective actions and / or special protective equipment depending on surrounding fire. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Risks and Spill	Small spills can be washed away with water. For large spills cordon off the spill area, collect and or absorb liquid with an inter absorbent and place in appropriate container for disposal. Flush spill area with water Report releases as per local, state and federal authorities
Protective Equipment and Exposure Control	See Section 9 for details

SECTION 7: HANDLING & STORAGE

Precaution for Safe Handling:	Wear protective equipment and equipment. Avoid contact with eyes, skin and clothing. Avoid breathing mist or aerosols Wash your skin thoroughly with soap and water after handling, if product comes in contact.
Safe Storage / Incompatibilities:	Store in cool, dry, well-ventilated area away from incompatible material. Carbon Steel, polyester, polyethylene and polypropylene are suitable material for construction.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Control:	Not established, no special precaution required.
Respiratory Protection:	For dusty or misty conditions, wear NIOSH approved dust or mist respirator.
Skin Protection:	Wear rubber gloves, boots and long sleeve shirts.
Eye Protection:	Wear safety goggles.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance Odor:	Clear amber (available as blue and green) Odorless
Odor Threshold:	Not established
Specific Gravity:	1.290g/mL
pH:	6.0 to 9.0
Vapor Pressure:	Not determined
Solubility in Water:	Completely
% Volatile:	Not determined
Vapor Density:	Not determined

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SECTION 10: STABILITY & REACTIVITY

Reactivity / Chemical Stability:	Not reactive. Stable under normal storage and handling conditions.
Conditions to Avoid:	Temperature below or close to product freezing point can give formation of crystals during storage.
Incompatible Material:	Strong oxidizing agents, concentrated acids and some metals.
Hazardous Decomposition Products:	Above 160 C product decomposes and emits hydrogen chloride, halogenated compounds and chloride gas.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingestion:	Ingestion may cause slight irritation with nausea, vomiting and diarrhea.
Inhalation:	Inhalation of mist may cause slight irritation of nose, throat and upper respiratory tract.
Eye:	May cause minor irritation with pain and tearing.
Skin:	May cause slight irritation on prolonged or repeated contact.
Carcinogenicity:	None of the component in the product is listed as carcinogen or suspected carcinogen by IARC, NTP or OSHA.
Reproductive Toxicity:	None.
Oral (rate) LD 50:	8100 mg / Kg
Appraisal:	The material is classified as not toxic.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity:	Fathead minnow NOEC: 1.0 g / L Ceriodaphnia dubia NOEC: 1.00 g / L Selenastrum growth NOEC: 2.0 g / L
Persistence and Degradability:	Not applicable.
Bio accumulative Potential:	No data available.
Mobility in Soil:	No data available.
Other Adverse Effects:	None known.

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SECTION 13: DISPOSAL CONSIDERATIONS:

Dispose in accordance with local, state and federal environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Proper Shipping Name:	Not regulated
UN Number:	None
Hazard Class / packing Group:	None
Label Required:	None

SECTION 15: REGULATORY INFORMATION

CERCLA:	This product is not subjected to CERCLA release reporting. Many States have more stringent release reporting requirements. Report spills required under federal, state and local regulations.
SARA Hazard Category:	(311 / 312) Not Hazardous
SARA 313:	None
EPA TSCA Inventory:	All of the ingredients in this product are listed on the EPA TSCA Inventory.
CEPA:	All the components of this product are listed on the Canadian DSL
WHMIS Classification:	Not classified as dangerous.

SECTION 16: PREPARATION INFORMATION

Prepared By: Deicing Depot LLC
Telephone: 954-781-9200
Preparation Date: MAY-1-2023
Superseded Date: ALL PREVIOUS VERSIONS