



SAFETY DATA SHEET

Section 1: Product Identification

Product Name: MAG Pellets
Chemical Name: Not applicable
Synonyms:
Product Use: Ice and dust control
Supplier's Details: Dead Sea Work LTD
P.O.B. Beer Sheva 84100, Israel
Phone Number: +972-8-6465347
Emergency Contact:

Section 2: Hazard Identification

Classification(GHS): Not Classified
GHS Labelling: Not Classified
Percentage:
Other Hazards:

Section 3: Composition/Information On Ingredients

Ingredients & Percentage: Other Salts – 3-5%
Magnesium Chloride Hexahydrate – 46.5-47.5%
Water of crystallization – 48.5-50.5%
CAS. NO.: Other Salts - Confidential
Magnesium Chloride Hexahydrate – 7791-18-6
Water of crystallization – 7732-18-5
Classification:



Section 4: First-Aid Measures

Skin and Eye:	Flush with water
Ingestion:	If swallowed, wash mouth thoroughly with plenty of water. Get medical attention immediately.

Section 5: Fire-Fighting Measures

Flash Point:	Non-combustible
Fire Hazard:	
Explosion Hazard:	Material is not combustible
Special Fire Fighting Procedures:	In closed stores, provide fire-fighters with self-contained breathing apparatus in positive pressure mode
Special Remarks on Explosion Hazards:	When heated to decomposition, may release poisonous and corrosive fumes of HCl

Section 6: Accidental Release Measures

Non-hazardous:	Sweep up, place in a bag and hold for waste disposal or possible reuse
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Section 7: Handling And Storage

Keep containers tightly closed. Keep in a dry, well-ventilated place away from incompatible materials.



Section 8: Exposure Controls/Personal Protection

Ventilation: Good general ventilation. Ventilation must be sufficient to maintain TLV-TWA below 3 mg/m³, respirable particles, and 10 mg/m³, inhalable particles (ACGIH recommendation for Particles (Insoluble or poorly soluble) Not Otherwise Specified (PNOS)).

Personal Protective Equipment: In case of significant or accidental dust emissions, dust masks, protective gloves, and chemical safety goggles should be worn.

Medical Conditions Aggravated by Exposure:

Effects of Overdose or Overexposure:

Section 9: Physical And Chemical Properties

Appearance/Physical State:	White pellets
Vapour Pressure:	Not available
Vapour Density (Air=1.0)	The highest known value is 0.62 (Air=1) (Water)
Evaporation Rate	
Solubility in Water (g/100cc)	167g/100g
Specific Gravity (gm/cc, Water = 1.0)	
% Volatile by Volume	Not available
Boiling Point (°C) @ 760mm	Not applicable

Section 10: Stability And Reactivity

Chemical Stability: Stable under normal conditions

Conditions to Avoid: Exposure to moisture. Heating above decomposition temperature

Hazardous Polymerization:

Hazardous Decomposition

Products: Oxides of: potassium, calcium, magnesium and HCl



Corrosivity:

Special Remarks on Reactivity: None known.

Section 11: Toxicological Information

Acute Toxicity:

Respiratory or Skin Sensitization:

Germ Cell Mutagenicity:

Carcinogenicity: Not classified by IARC

Specific Target Organ Toxicity

(Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity

(Single Exposure): Not classified

Aspiration Hazard: Not classified

Information on Toxicological Effects- Ingredient(s)

MgCl₂	LD50 Oral Rat	8100 mg/kg
	LC50 Oral Mouse	7600 mg/kg

Section 12: Ecological Information

Toxicity No data available

Persistence and degradability Not relevant for inorganic salts

Bio accumulative potential Not expected to bioaccumulate

Mobility in Soil Not relevant for inorganic salts

Other Information

Section 13: Disposal Considerations

Waste Disposal Observe all federal, state and local environmental regulations when
Recommendations: disposing of this material



Section 14: Transport Information

In Accordance with DOT

Not regulated

Section 15: Regulatory Information

US Federal Regulations

Listed on the United States TSCA (Toxic Substances Control Act) inventory

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

Section 16: Other Information

Effective Date:

Version:

1

Contact:

The information herein is based on the present state of our knowledge. It is believed to be correct but is not necessarily all-inclusive and shall be used only as a guide. DEAD SEA WORKS Ltd, shall not be held liable for any damage resulting from handling or from contact with the above product. For further information, contact DEAD SEA WORKS Ltd.