

VETPAK SAFETY DATA SHEET

Section 1: Identification of the Substance or Mixture and of the Supplier

Product Name: Magnesium Sulphate

Recommended Use: Nutritional supplement for livestock.

Company Details: Vetpak Ltd.

Address: 150 Rickit Road, Te Awamutu.

Telephone Number: (07) 870 2024

Emergency Telephone Number: (07) 870 2024 8.00am to 5.00pm Monday to Friday except public holidays. National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand. Phone (0800) 764-766 24 hours.

Date of Preparation: 15th September 2008

Section 2: Hazards Identification

Hazards Classification: Not hazardous according to the criteria of ERMA. Appears on the GRAS (Generally regarded as safe) list.

Other names: Epsom Salts, Bitter Salts.

Section 3: Composition / Information on Ingredients:

INGREDIENTS:

Pure Substance	CAS Number	Proportion
Magnesium Sulphate Heptahydrate	7487-88-9	100%

Section 4: First Aid Measures:

Description of necessary first Aid measures:

Swallowed: Rinse mouth with plenty of water. Drink plenty of water. Consult a physician if necessary.

Skin: Wash off immediately with soap and plenty of water. Consult a physician if necessary.

Eye: Rinse thoroughly with plenty of water, also under the eyelids.

Inhaled: Not applicable

Notes for Medical Personnel: Treat symptomatically based on judgment of doctor and individual reactions of patient.

Section 5: Fire Fighting Measures

Type of Hazard: Not flammable.

Fire Hazard Properties: Not flammable.

Extinguishing Media & Methods: Use extinguishing media most appropriate for surrounding conditions.

Recommended Protective Clothing:

Hazards from combustion products: Not combustible. Stable under normal conditions. Emits toxic fumes of oxides of sulphur (if heated to dryness).

Section 6: Accidental Release Methods



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Methods and materials for containment: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Shovel into suitable container for disposal. Rinse affected area with plenty of water.

Section 7: Handling and Storage

Handling Practices: No special handling practices required.

Store Site Requirements: No special storage conditions required. Ensure an eye bath & safety shower are available and ready for use.

Packaging: Suitable packaging material are Polyethylene containers, paper bags.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: None established according to the criteria of OSH New Zealand.

Ventilation specification: Use with adequate ventilation. Avoid generating and inhaling dusts.

Personal Protective Equipment (PPE):

Skin protection: Wear rubber or plastic gloves.

Eye protection: Wear safety glasses.

Protective clothing: Wear lightweight protective clothing.

General hygiene: Do not eat, drink or smoke while handling. Wash hands thoroughly before eating, drinking or smoking.

Section 9: Physical and Chemical Properties

Specify data for the product not the individual components:

Required Specifications:

Physical State: Solid.

Appearance: White powder, with no odour.

Boiling Point / Melting Point: Not available.

Vapour Pressure: Not applicable.

Specific Gravity: Not applicable.

Flash Point: Not applicable.

Flammability Limits: Not applicable.

Solubility in Water: Miscible.

pH: 6-8

Section 10: Stability and Reactivity

Stability of the Substance: Stable under normal conditions of storage and use.

Conditions to avoid: No data available

Material to avoid: No data available

Hazardous decomposition Products: None known.

Hazardous polymerization: Does not occur.



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Section 11: Toxicological Information

Data and interpretation: Human, Oral TDLo: 428 mg/kg. Leads to muscle weakness. Acts as a laxative. Oral, Mouse LDLo: 5g/kg.

Acute Effects:

Swallowed: Acts like a laxative. Ingestion of sufficient quantities may lead to heart changes, flaccid paralysis and cyanosis.

Skin: No significant effects.

Eye: Mild eye irritation may result.

Inhaled: Not applicable

Section 12: Ecological Information

Potential Environmental Considerations: No data available

Section 13: Disposal Considerations

Disposal Information: In accordance with local, regional and national regulations.

Section 14: Transport Information

Shipping Name: MAGNESIUM SULPHATE HEPTAHYDRATE

Dangerous Goods Class: Nil.

Hazchem Code: Nil.

Section 15: Regulatory Information

Regulatory status: Not hazardous according to the criteria of ERMA. Appears on the GRAS (Generally regarded as safe) list.

Section 16: Other Information

Additional Information: National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand. Phone (0800) 764-766 24 hours.

1. The above information has been compiled on the basis of good faith, and our experience from the available technical knowledge and data for this product.
 2. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used.
 3. No responsibility can be accepted for the wrongful or misinterpretation of this data.
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