

VETPAK SAFETY DATA SHEET

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

Product Name: **Mag-Mix 50%**

Recommended Use: As a nutritional supplement of Magnesium for cattle.

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 Revision: 8th August 2008

Section 2: Hazards Identification

Hazards Classification: 6.3B, 6.4A.

Warning: Causes mild skin irritation. Read the label before use. If skin irritation occurs; get medical attention.

Warning: Causes eye irritation. Read label before use. Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

Section 3: Composition / Information on Ingredients:

INGREDIENTS:

Mixture	CAS Number	Proportion
Magnesium Oxide	1309-48-4	500 gm/L
Wetting Agent	-	< 0.5%
Suspending Agent	-	< 0.5%
Monopropylene Glycol	57-55-6	< 2%
Sorbitol	50-70-4	<15%
Seaweed Liquid Concentrate	-	0.25%
Stabilising Agents	-	<0.02%
Water	7732-18-5	700 gm/L

Section 4: First Aid Measures:

Description of necessary first Aid measures:

Swallowed: Rinse mouth out with plenty of water. If irritation or discomfort persists, seek medical attention.

Skin: If product comes in contact with the skin, wash affected area with soap and water. Seek medical attention in the event of irritation.

Eye: This product is abrasive. If it comes in contact with the eyes, immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Transport to doctor or hospital without delay. Removal of any contact lens after an eye injury should only be undertaken by skilled personnel.



VETPAK SAFETY DATA SHEET

Inhaled: If dust is inhaled, remove to fresh air. Encourage patient to blow nose to ensure clear breathing passages. Rinse mouth with water. Consider drinking water to remove dust from throat. If irritation or discomfort persists, seek medical attention.

Workplace Facilities: Eye bath and normal washroom facilities.

Notes for Medical Personnel: Nil. The general effect of a large ingestion of magnesia is a purging of the body.

Section 5: Fire Fighting Measures

Type of Hazard: Not flammable.

Extinguishing Media & Methods: Use media appropriate to the surrounding fire.

Recommended Protective Clothing: Use protective clothing appropriate to the surrounding fire.

Section 6: Accidental Release Methods

Procedures to be covered:

Minor spills: Clean up all spills immediately. Wear impervious gloves and safety glasses. Sweep up and place in a suitable container for disposal.

Major spills: Use liquid clean up procedures. Collect recoverable product into labelled containers for recycling if possible.

Section 7: Handling and Storage

Handling: No restrictions on transport.

Storage: Store in original containers. Keep containers securely sealed.

Store Site Requirements: Store in a cool, dry, well ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers from physical damage and check regularly for leaks.

Packaging: Plastic containers.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: None prescribed.

Engineering Controls: No specific engineering controls.

Personal Protective Equipment (PPE):

Eye: Safety glasses with side shields to avoid splashes. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hands, Feet: Barrier creams and cotton gloves or PVC gloves. Safety footwear.

Other: No special equipment required when handling small quantities. Otherwise, overalls and eye wash units.

General hygiene: Wash hands after handling with soap and water. Do not eat, drink or smoke when handling this product.

Section 9: Physical and Chemical Properties



VETPAK SAFETY DATA SHEET

Specify data for the product not the individual components:

Required Specifications:

Physical State: Liquid

Appearance: Off white liquid suspension.

Boiling Point / Melting Point: Not applicable.

Vapour Pressure: Not applicable.

Specific Gravity: 1.39 (water = 1)

Flash Point: Not flammable.

Flammability Limits: Not flammable.

Solubility in Water: The magnesium Oxide is not soluble (0.01%). The other ingredients are soluble.

Section 10: Stability and Reactivity

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

Conditions to avoid: None known.

Material to avoid: Not known.

Hazardous decomposition Products: Not known.

Hazardous polymerization: Does not occur.

Section 11: Toxicological Information

Acute Effects:

Swallowed: Considered an unlikely route of entry in commercial and industrial environments. The material is regarded as practically non-toxic but may be harmful if swallowed in large quantity. Oral administration would generally result in purging.

Skin: The material may be mildly irritating and may cause drying of the skin.

Eye: The suspension is irritating and may be abrasive to the eyes.

Inhaled: Not normally a hazard due to the non-volatile nature of the product. The suspension is irritating to the upper respiratory tract.

Long Term Effects: Principle routes of exposure are usually by inhalation of generated dust and skin contact. As with any chemical product, contact with unprotected bare skin; inhalation of vapours, mist or dust in workplace atmosphere; or ingestion in any form, should be avoided by observing good occupational work practices.

Section 12: Ecological Information

Potential Environmental Considerations: The product is not considered hazardous to the environment.

Section 13: Disposal Considerations

Disposal Information: Recycle wherever possible. Bury residue in an authorised landfill. Recycle containers wherever possible or dispose of in an authorised landfill.

Section 14: Transport Information



VETPAK SAFETY DATA SHEET

Relevant information: No transport restrictions.

Section 15: Regulatory Information

Regulatory status: This product is exempt from registration, being an oral nutritional compound compliant with S4 of the ACVM regulations 2001.

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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