

VETPAK SAFETY DATA SHEET

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

Product Name: Sodium Ascorbate (Erythorbate) Vitamin C

Recommended Use: A Vitamin C supplement for use in livestock and horses.

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: 12th January 2009

Section 2: Hazards Identification

Hazards Classification: Not hazardous according to the criteria of ERMA New Zealand. Appears on the GRAS (Generally Regarded as Safe) List.

Section 3: Composition / Information on Ingredients:

INGREDIENTS:

Pure Substance	CAS Number	Proportion
Sodium Ascorbate	134-03-2	100%

Section 4: First Aid Measures:

Description of necessary first Aid measures:

Swallowed: Rinse mouth with water. Give water to drink provided person is conscious. Do NOT induce vomiting. Seek medical attention in severe cases.

Skin: Remove contaminated clothing. Wash affected areas with non-abrasive soap and plenty of water. If irritation persists, seek medical advice.

Eye: Immediately flush eyes with plenty of water holding eyelids open. If irritation persists, seek medical attention.

Inhaled: Remove victim from exposure to fresh air. If rapid recovery does not occur, seek medical attention.

Workplace Facilities: Eye bath and cold running water available and ready for use.

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

Section 5: Fire Fighting Measures

Type of Hazard: Product is a combustible solid.

Fire Hazard Properties: Combustible solid. Incompatible with oxidising agents, acids, alkali, light, combustible materials and sources of ignition. May burn, but does not readily ignite. Containers may explode when heated. Dust explosion hazard. Fire may produce irritating, poisonous, and / or corrosive fumes, including carbon monoxide and carbon dioxide.

Extinguishing Media & Methods: In case of fire, appropriate extinguishing media include; Small fire - use dry chemical powder, carbon dioxide, water spray and foam. Large fire – use water spray / fog or



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foam.

Recommended Protective Clothing: Fire fighters should use a self contained breathing apparatus and full protective clothing, along with protective equipment.

Section 6: Accidental Release Methods

Procedures to be covered: Personnel involved in the cleanup should wear full protective clothing. Eliminate all sources of ignition. Increase ventilation. Stop leak if safe to do so. Avoid generating dust. Do not allow product to reach drains, sewers or waterways. If product does enter a waterway, advise the local or regional authority. Use spark-proof tools and materials.

Procedures for containment and clean-up: Contain and sweep / shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable labelled container and hold for safe disposal.

Section 7: Handling and Storage

Handling Practices: Ensure an eye bath and running water are available and ready for use. Observe good personal hygiene practices and recommended procedures. Take precautionary measures against static discharges by bonding and grounding equipment.

Store Site Requirements: Store in a cool, dry, well ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage, or leaks. Protect against physical damage. Store away from incompatible materials including oxidising agents, acids, alkali, combustible materials and sources of ignition. Protect from light, moisture, and electrostatic discharges. Store at room temperature between 15-25°C.

Packaging: Store in original packaging as approved by manufacturer.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: No exposure standard is established for this product. However, the exposure standard for dust not otherwise specified is 10mg/m³ (for inspirable dust) and 3mg/m³ (for respirable dust).

Engineering Controls: A system of local and / or general exhaust is recommended to keep employee exposures as low as possible.

Personal Protective Equipment (PPE): Respirator: wear an effective dust masks sin dusty conditions. Eyes: Safety glasses with side shields. Hands: Impervious gloves, plastic or rubber recommended. Clothing: Flame retardant protective clothing and safety footwear.

Section 9: Physical and Chemical Properties

Physical State: Solid.

Appearance: White to faint yellow crystals or crystalline powder.

Boiling Point: Not applicable.

Melting Point: 219-221°C

Vapour Pressure: Not applicable.

Specific Gravity: Not applicable.

Flash Point: Not applicable.

Flammability Limits: Not applicable.

Potential for Dust Explosion: Dust explosion hazard.

Solubility in Water: 62g/100ml (25°C)

pH: 6.0-7.5 (100g/L water at 20°C)



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Section 10: Stability and Reactivity

Stability of the Substance: Product is stable under normal conditions of use, storage and temperature. Stable to air when dry. Aqueous solutions are unstable and subject to quick oxidation by air at pH greater than 6.0. On exposure to light it gradually darkens.

Conditions to avoid: Avoid excessive heat, light, generating dust, moisture, static discharges, and high temperatures.

Material to avoid: Incompatible with oxidising agents, acids, alkali, combustible materials, and sources of ignition.

Hazardous decomposition Products: Product may emit carbon monoxide and carbon dioxide.

Hazardous polymerization: Does not occur.

Section 11: Toxicological Information

Data and interpretation: No toxicological information available for this product.

Acute Effects:

Swallowed: Ingestion may cause irritation of the digestive tract. Large doses may cause diarrhoea and other gastro-intestinal disturbances and may cause formation of renal calcium oxalate calculi.

Skin: May cause mild skin irritation.

Eye: May cause eye irritation.

Inhaled: Inhalation of dust may cause respiratory tract irritation.

Section 12: Ecological Information

Potential Environmental Considerations: No data available.

Environmental Exposure: Avoid contaminating waterways, drains and sewers.

Section 13: Disposal Considerations

Disposal Information: Dispose of in accordance with all local and regional regulations. Contact a specialist disposal company or the local waste regulator for advice.

Section 14: Transport Information

UN Number: Not applicable.

Shipping Name: SODIUM ASCORBATE.

Dangerous Goods Class: Not applicable.

Hazchem Code: Not applicable.

Section 15: Regulatory Information

Regulatory status: Not hazardous according to the criteria of ERMA New Zealand. 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.



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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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