



MATERIAL SAFETY DATA SHEET

MINBAL 4 IN 1 BALANCED MINERAL INJECTION

SECTION 1: IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Other known names: Metaboost 4 in 1 or Blue Cross 4 in 1

Company: Sykes Vet International Pty Ltd,

Address: 27 Healey Road, Dandenong VIC 3175

Telephone: (03) 8792 3000

Emergency Telephone No.: Australia 1 800 628 724 (24hr - Emergency Contact)

U.N. NO. : None Allocated
DG CLASS : None Allocated
SUB RISK : None Allocated
AZCHEM : None Allocated
POISON SCHEDULE : Not Scheduled
USES : For the treatment of milk fever, grass tetany, and acetoanaemia and associated metabolic conditions in sheep and cattle.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Proportion (w/v)
Calcium Gluconate	299-28-5	30-60%
Dextrose	50-99-7	10-30%
Magnesium Hypophosphite	17783-17-7	<10%
Boric Acid	10043-35-3	< 10%
Benzoic Acid	65-85-0	< 10%
Water	-	Balance

SECTION 3: HAZARDS IDENTIFICATION

Acute Health Effects

Swallowed: May result in nausea, vomiting and diarrhoea
Eye: Mild irritant
Skin: Mild irritant
Inhaled: Does not present an inhalation problem



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SECTION 4: FIRST-AID MEASURES

- Swallowed:** Rinse mouth with water. Give large quantities of water or bland fluids to drink. DO NOT induce vomiting. Seek medical attention. Show this MSDS to a medical practitioner.
- Eye:** Immediately flush eye with running water for at least 15 minutes.
- Skin:** Wash affected area with soap and water. Remove all contaminated clothing.
- First Aid:** If poisoning occurs, contact a doctor or Poisons Information Centre 13 11 26
- Advice to Doctor:** Treat symptomatically
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SECTION 5: FIREFIGHTING MEASURES

The product is non-flammable. Use alcohol foam, CO₂, dry powder, water or BCF fire extinguishers. Use water to keep fire exposed containers cool. May emit toxic fumes when heated to decomposition. Keep well away from heat and keep container closed when not in use.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Slippery when split. For small spills, wipe, then wash area to drain with excess water. For large spills, contain using absorbent material. Collect and seal in properly labeled containers for disposal. Wash area to drain with excess water.

SECTION 7: HANDLING AND STORAGE

- Storage And Transport:** Store below 30°C. Protect from light. Containers should always be kept closed in storage and properly labelled. Store only in original containers.
- Spills And Disposal:** Remove with liquid binding material (eg sand, sawdust, or diatomaceous earth). Wash the residue from the contaminated area with water. Dispose of waste in compliance with local waste disposal regulations. Small quantities and residues may be flushed into drains.



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Fire/Explosion Hazard: The product is non-flammable. Use alcohol foam, CO₂, dry powder, water or BCF fire extinguishers. Use water sprays to cool fire exposed surfaces and any adjacent storage vessels.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits: Not established. Use only as directed.

Ventilation: No special ventilation is recommended under normal conditions of use. No special respiratory protection equipment is recommended under normal conditions of use with sufficient ventilation.

Personal Protection: Avoid eye and skin contact. Wear eye protection (face visor or goggles) if accidental eye contact can occur. Observe good personal hygiene.

Flammability: Non-flammable. Keep well away from heat and keep container closed when not in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow to clear practically odourless solution

Boiling Point: 110°C

Specific Gravity: 1.2 – 1.25

Flashpoint: Non-flammable

Solubility in Water: Miscible

pH: 3.0 – 3.5

SECTION 10: STABILITY AND REACTIVITY

Stability of the product in the closed container: 36 months

SECTION 11: TOXICOLOGY INFORMATION

No known toxicology information



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SECTION 12: ECOLOGICAL INFORMATION

No known ecological information

SECTION 13: DISPOSAL CONSIDERATIONS

Refer to the relevant State Land Waste Management Authority.

SECTION 14: TRANSPORT INFORMATION

This product is not classified as a Dangerous Good for the purpose of road or rail transport.

SECTION 15: REGULATORY INFORMATION

APVMA number: 38151

CONTACT POINT

Contact Point: (03) 8792 3000

Phone: Australia 1 800 628 724 (24hr - Emergency Contact)

This MSDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request