MATERIAL SAFETY DATA SHEET
Metaboost 4 in 1

Issue date: February 2022 Review date: February 2027

SECTION 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product name: Metaboost 4 in 1

Recommended Use: For the treatment of milk fever, grass tetany, and acetonaemia and associated metabolic conditions in sheep and cattle.

Company identification Address:
2 Tumu Way, Longlands
Hastings 4175
New Zealand
Phone (06) 873 3611

Poisons Information Centre: 0800-764-766
Or CHEMCAL 0800-243-622 24hr emergencies only

Transport Emergency 111 Fire and police

SECTION 2: HAZARD IDENTIFICATION

2.1 **Acute:**

2.2 **Swallowed:** May result in nausea, vomiting and diarrhea

2.3 **Eye:** Mild irritant

2.4 **Skin:** Mild irritant

2.5 **Inhaled:** Does not present an inhalation problem

SECTION 3: COMPOSITION INFORMATION

INGREDIENT	CAS Number.	Proportion
Calcium Borogluconate	5743-34-0	33.3%
Magnesium	17783-17-7	5.1%
Hypophosphite	NA	NA
Dextrose	50-99-7	18.2% to 100%

SECTION 4: FIRST-AID MEASURES

4.1 **First Aid**: If poisoning occurs, contact a doctor or Poisons Information Centre, Ph: 0800-764-766.

4.2 **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.

4.3 **Eye:** Immediately flush eye with plenty of water for at least 15 minutes.

4.4 **Skin:** Wash skin with soap and water. Remove all contaminated clothing.

4.5 **Advice to Doctor:** Treat symptomatically

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing media appropriate for the surrounding fire.

SECTION 6: ACCIDENTIAL RELEASE MEASURES

6.1 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 7: HANDLING AND STORAGE

7.1 **Storage and Transport:** Store below 25°C. Protect from light. Containers should always be kept closed in storage and properly labelled. Store only in original containers.

7.2 **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.

7.3 **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

8.1 Exposure Limits: Not established. Use only as directed.

8.2 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.

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

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

SECTION 9: PHYSICAL DESCRIPTION / PROPERTIES

Appearance:	Yellow to clear practically odourless solution
Boiling Point:	110^0C
Vapour Pressure:	
Specific Gravity:	1.2 – 1.25
Flashpoint:	Non-flammable
Flammability Limits:	
Solubility in Water:	Miscible
pH:	3.0 – 4.0

SECTION 10: STABILITY AND REACTIVITY

Stability of the product in the final container: 24 months precise.

SECTION 11: TOXICOLOGICAL INFORMATION

No product-specific toxicological data supplied.

SECTION 12: ECOLOGICAL INFORMATION

No product-specific data supplied.

SECTION 13: DISPOSAL INFORMATION

Refer to the relevant State Land Waste Management Authority

SECTION 14: TRANSPORT INFORMATION

Is not classified as a Dangerous Good for the purpose of road or rail transport.

SECTION 15: REGULATORY INFORMATION

ACVM: A11061

SECTION 16: OTHER INFORMATION

DISCLAIMER
The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.