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AGR Science and Technology Pty Ltd
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MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Product Name: AGRiliq Ruminant Supplement
Other Names: AGRiliq Cattle Supplement,
Liquid protein equivalent stock feed (cattle)
D.G Class: None allocated
Subsidiary Risk: None allocated
HAZCHEM Code: None allocated
Packaging Group: None allocated
Poison Schedule: None allocated
UN Number: None allocated
N.O.S. Proper Shipping Name None allocated.

**NOT HAZARDOUS ACCORDING TO THE CRITERIA
OF WORKSAFE AUSTRALIA**

Important Notice: Consult label: If product contains Monensin (Rumensin), then DO NOT feed to sheep.

Recommended Use: Stock feed for ruminants only - not for pigs or horses.

Product Description/Properties:

Appearance: Dark brown-black, liquid with molasses odour.
Boiling Point / Melting Point: Not Available
Vapour Pressure: Not Available
Specific Gravity: 1.32 – 1.38
Flash Point: Not Relevant
Flammability Limits: Not Relevant
Autoignition Temperature: Not Relevant
pH (neat): 4.0 – 6.5

Ingredients:	CAS No.	Range (w/w)
Fructose	57-48-7	5–30 %
Glucose	50-99-7	5–30 %
Urea	57-13-6	0–25 %
Zinc Sulphate	7446-19-7	0–2000 mg/kg
Lasalocid Sodium	25999-20-6	0–750 mg/kg
Monensin Sodium	22373-78-0	0–750 mg/kg
Sodium Selenite	10102-18-8	0–5 mg/kg
Vitamin A Acetate	127-47-9	0–200 kIU/kg
Vitamin D3	67-97-0	0–50 kIU/kg
Other proprietary non-hazardous ingredients		balance

EMERGENCY CONTACT:

Australian Poisons Information Centre (24 hr service): 13 11 26
 Police or Fire Brigade: 000

HEALTH HAZARD INFORMATION

Health Effects:

- Swallowed:** May cause irritation to the mouth, gullet and stomach. Toxic if swallowed.
- Eye:** Prolonged contact may cause conjunctivitis.
- Skin:** May cause contact dermatitis upon prolonged skin contact.
- Inhaled:** Vapours and mists can cause irritation. Effects may include nausea, and an increased rate of respiration.

<u>Ingredient:</u>	<u>LD50 (mouse, oral)</u>	<u>LD50 (rat, oral)</u>
Zinc Sulfate	245 mg/kg	1710 mg/kg
Monensin Sodium	44 mg/kg	29 mg/kg
Sodium Selenite	7.1 mg/kg	7.0 mg/kg
Vitamin A Acetate	4100 mg/kg	2750 mg/kg
Vitamin D3	42.5 mg/kg	352 mg/kg

First Aid:

- Swallowed:** If swallowed, immediately rinse mouth with water, provided person is conscious. **DO NOT INDUCE VOMITING.** If vomiting occurs, place victim's face downwards with head lower than the hips, to prevent vomit from entering the lungs. Give quantities of water or milk. Seek medical advice immediately.
- Eye:** If in eyes, hold eyes open and flood with water for at least 20 minutes. See a doctor immediately.
- Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
- Inhaled:** Remove from source of mist and have victim lie down quietly. If breathing has stopped or is laboured, give assisted respiration. Seek medical advice if effects persist.

- Advice to doctor:** **Treat symptomatically;**
Attention for diabetics – contains glucose.

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PRECAUTIONS FOR USE:

- Ventilation:** Ensure adequate ventilation.
- Personal Protection:** Protective equipment should be worn: Rubber or PVC gloves, safety boots.
- Flammability:** Not Flammable, but may liberate flammable Hydrogen gas on contact with Aluminium, Zinc, or galvanised surfaces.

SAFE HANDLING INFORMATION:

Storage / Transport: All vessels, pumps, pipes, etc. used for handling or storing this material should be Iron, Stainless Steel, PVC, Neoprene, TEFLON, Polyethylene, or Polypropylene coated. Store in a cool, dry, well ventilated place, away from foodstuffs.

DO NOT STORE IN ALUMINIUM, ZINC, OR GALVANISED TANKS.

Spills and Disposal: **SLIPPERY WHEN SPILT.** Dam and absorb with dry earth, sand bentonite, diatomite, or zeolite. Shovel up and dispose of to waste disposal site approved of by Local Authority by-laws. **Product is bio-degradable.**

Fire / Explosion: The product is stable and non-combustible.
Use fire fighting means appropriate to the surrounding fire.

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