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AGR INDUSTRIES a business of  
AGR Science and Technology Pty Ltd  
ABN 20 087 6521 627

## MATERIAL SAFETY DATA SHEET

### PRODUCT IDENTIFICATION

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

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

**Recommended Use:** Stock feed for cattle only - not for sheep or horses.

### **Product Description/Properties:**

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

<b><u>Ingredients:</u></b>	<b><u>CAS No.</u></b>	<b><u>Range (w/w)</u></b>
Fructose	57-48-7	5630 %
Glucose	50-99-7	5630 %
Urea	57-13-6	0625 %
Zinc Sulphate	7446-19-7	062000 mg/kg
Monensin Sodium	22373-78-0	06750 mg/kg
Sodium Selenite	10102-18-8	065 mg/kg
Vitamin A Acetate	127-47-9	06200 kIU/kg
Vitamin D3	67-97-0	0650 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.

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