



MATERIAL SAFETY DATA SHEET

Ultra-Min

Issue date: July 2016 Review date: July 2021

SECTION 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product name: Ultra-Min Mineral and Vitamin Supplement

Recommended Use: Vitamin drench for sheep, goats, dairy cows and calves

Company identification Address:
 1229 Maraekakaho Road
 Hastings 4175
 New Zealand
 Phone (06) 873 3611

Poisons Information Centre: 0800-764-766

Transport Emergency 111 Fire and police

SECTION 2: HAZARD IDENTIFICATION

- 2.1 Hazard classification: 6.1D, 6.3A, 6.4A, 6.5B, 6.7B, 6.8B, 6.9B, 6.9B, 9.3C
- 2.2 Priority Identifiers: WARNING, Keep out of reach of children.



- 2.3 Secondary Identifiers:
- 6.1D = May be harmful if swallowed, inhaled or absorbed through the skin
 - 6.3A = Skin irritant
 - 6.4A = Eye irritant
 - 6.5B = Contact sensitizer
 - 6.7B = Carcinogenic
 - 6.8B = May damage fertility
 - 6.9B = Harmful to human target organs or systems
 - 9.1B = Toxic to aquatic organisms
 - 9.3C = Harmful to terrestrial vertebrates

SECTION 3: COMPOSITION INFORMATION

INGREDIENT	CAS Number.	Weight Percent
Cobalt Sulphate	10026-24-1	Proprietary
Zinc Sulphate	7446-19-7	Proprietary
Iodine (as EDDI)	5700-49-2	Proprietary
Selenium (As sodium selenate)	13410-01-0	Proprietary
Vitamin A	127-47-9	Proprietary
Vitamin D	67-97-0	Proprietary
Vitamin E	10191-41-0	Proprietary

SECTION 4: FIRST AID MEASURES

- 4.1 **Eye:** Hold eyelids apart and flush continuously with water. Seek medical attention if symptoms persist. Treat symptomatically.
- 4.2 **Inhalation:** Move to fresh air immediately. If breathing has is shallow or stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
- 4.3 **Skin:** Wash with soap and water. Seek medical attention if symptoms occur. Treat symptomatically.
- 4.4 **Ingestion:** For advice, contact a poisons Information Centre on 0800 764 766 (0800 POISON)

SECTION 5: FIRE FIGHTING MEASURES

- 5.1 **Suitable Extinguishing Media:** Non-flammable liquid. Extinguish any surrounding fire with water spray, dry chemical, carbon dioxide, foam, or material as appropriate
- 5.2 **Hazardous Combustion Products:** When involved in a fire, burning may evolve noxious fumes which may include carbon monoxide and carbon dioxide.
- 5.4 **Fire Fighting Equipment:** Fire Fighters should wear butyl boots, gloves, body suit and a self-contained breathing apparatus. Containers may be cooled using a water fog spray.
- 5.5 **HAZCHEM Code:** 2Z

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 **Spills:** Wipe up the area of the spill and collect the material for disposal. Wash away remainder with plenty of water.

SECTION: 7 HANDLING AND STORAGE

- 7.1 **Handling:** Before use, carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.
- 7.2 **Storage:** Store in a well-ventilated, cool, dry place away from food. Ensure containers are adequately labeled and protected from physical damage. Keep out of direct sunlight.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

- 8.1 **Exposure Standards:** No value assigned by New Zealand OSH.
- 8.2 **Engineering Controls:** Engineering controls are not generally required when handling liquids or containers. Good general ventilation (typically 10 air changes per hour) should be used.
- 8.3 **Respiratory Equipment:** Where an inhalation risks exists, wear a Type A Class P1 (organic gases/vapours and particulate) respirator. At high vapour levels, wear an Air-line respirator.
- 8.4 **Eye Protection:** Safety glasses, splash proof goggles.
- 8.5 **Skin Protection:** Elbow length impervious gloves. When using large quantities of where heavy contamination is likely, wear coveralls.
- 8.6 **Hygienic Practices:** Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term buildup of the product leading to chronic overexposure. Safety shower and emergency eye wash must be readily available within work area.

SECTION 9: PHYSICAL DESCRIPTION / PROPERTIES

Appearance:	Creamy coloured liquid
Solubility in water:	Soluble
Melting point:	No information available
Boiling point:	No applicable
Vapour density (Air=1):	> 1
Specific Gravity H ₂ O=1	1.02 @ 25°C
pH	6.2 @ 25°C
% Volatiles	Not applicable
Evaporation Rate:	No information available
Flammability:	Non Flammable
Flash point:	Not applicable
Flammable Limit (Lower)	Not applicable
Flammable Limit (Upper)	Not applicable

SECTION 10: STABILITY AND REACTIVITY

- 10.1 **Chemical Stability:** Stable under normal conditions of handling and use.
- 10.2 **Incompatible Materials:** Avoid long term storage in direct contact with strong oxidizing agents.
- 10.3 **Hazardous Combustion:** When involved in a fire, burning may evolve noxious fumes (carbon oxides) when heated.
- 10.4 **Products:** to decomposition temperatures.
- 10.5 **Hazardous Polymerization:** Unlikely to occur
- 10.6 **Conditions to avoid:** Keep away from sunlight.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 **Routes of Exposure:** Ingestion, eye and skin.
- 11.2 **Health Effects from likely Inhalation:** Due to product formulation, inhalation is unlikely under normal conditions of use.
- 11.3 **Routes of Exposure**
- | | |
|------------|--|
| Ingestion: | Due to product formulation, ingestion is considered unlikely under normal conditions of use. |
| Eye: | Direct contact with evaporating liquid may result in mild irritation. |
| Skin: | Low irritant. Prolong contact may result in irritation. |
- 11.4 **Effects of Overexposure:** Long term exposure may cause skin and eye irritation.
- 11.5 **Existing Conditions:** May exacerbate dermal conditions.
- 11.6 **Aggravated by Exposure:**
- 11.7 **Carcinogenicity:** Animal carcinogen (cobalt sulphate)

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 **Eco toxicity:** Toxic to aquatic organisms. Harmful to terrestrial vertebrates
- 12.2 **Mobility:** No information available.
- 12.3 **Persistence/degradability:** No data of significance to report.

SECTION 13: DISPOSAL INFORMATION

13.1 Disposal Methods and Containers: Re-cap and throw in the trash. Please contact your local Council for details of recycling plans in your area. Do not contaminate waterways.

13.2 Special Precautions for Landfill or Incineration: Please contact your local waste management authority for more information.

SECTION 14: TRANSPORT INFORMATION

Not classified as a dangerous good according to the NZ Code for the Transportation of Dangerous goods by road or rail.

UN Number	Not Applicable
Hazard Class for Shipment by Sea	9.1B, 9.3C
Hazard Class for shipment by Road	9.1B,9.3C
Proper Shipping Name	Not Applicable
Dangerous Goods Class	9
Packing Group	Not Applicable
Hazchem Code	2Z
Special Precautions	Not Applicable

SECTION 15: REGULATORY INFORMATION

A poison schedule number has not been allocated to this product using the criteria in the Standard for the uniform.

Scheduling of Drugs and poisons (SUSDP).

All components are listed on the EPA (NZ) AICS (Australia), TSCS (USA), DSL (Canada), IECSC (China), ENCS (Japan), and KECI (Korea).

SECTION 16: OTHER INFORMATION

Last Revision of MSDS	Rev 1. (12/7/16)
Prepared by	AHD Ltd
Abbreviations Used	ASCC: Australian Safety and Compensation Council EPA: Environmental Protection Agency IARC: International Agency for Research on Cancer NTP: National Toxicology Program OSHA: Occupational Safety and Health Administration (U.S) STEL: Short term exposure limit TWA: Time weighted average CAS number: Chemical Abstract Service number

Emergency Contacts

AHD Ltd	+64 (06) 873 3611
24 Hour Emergency Response Number (New Zealand)	0800 734 607
Police and Fire Brigade (New Zealand)	111
Poisons & Hazardous Chemical Information Centre (New Zealand)	+64 (0)3 4747 000

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The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.