



**RANVET PTY LTD**  
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**MATERIAL  
SAFETY  
DATA SHEET**

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**1 IDENTIFICATION**

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**Product name:** HUMAVYTE – Natural Vitamin, Chelated Mineral & Trace Element Liquid Supplement

**Other names:** Not applicable

**Manufacturer's Code:** Not applicable

**Use(s):** Nutritional supplement for horses.

**UN number:** Not classified under present regulations

**Dangerous Goods Class:** Not classified under present regulations

**Hazchem code:** Not classified under present regulations

**Poisons schedule:**

**PHYSICAL DESCRIPTION & PROPERTIES**

**Description:** Dark brown liquid, aqueous mixture with characteristic odour.

**Boiling/Melting point:** Not determined

**Vapour pressure:** Not determined

**Specific gravity:** Not determined

**Flashpoint:** Not applicable

**Flammability Limits:** Not applicable

**Solubility in Water:** Not applicable

**Other Properties:** Hint of molasses smell

**INGREDIENTS:**

Chemical entity	CAS No	Proportion (per Litre)
Folic acid	59-30-3	125 mg
Retinol (Vitamin A)		155,000 iu
Cholecalciferol (Vitamin D3)		23,000 iu
Alpha-tocopherol (Vitamin E)		6,200 iu
Calcium (chelate)		76 mg
Phosphorous (chelate)		7.2 mg
Potassium (chelate)		2 g
Sodium (chelate)		30 g
Sulfur		1.6 g
Iron (chelate)		300 mg
Zinc (chelate)		32 mg
Copper (chelate)		850 mg
Manganese (chelate)		60 mg
Magnesium (chelate)		1.5 g
Iodine		120 mg
Cobalt (chelate)		12 mg
Selenium		15 mg

Other naturally derived ingredients Secret

This is a commercial product and the exact ratio of components may vary. Trace quantities of impurities are also likely.

**II HEALTH HAZARD INFORMATION**

**ACUTE HEALTH EFFECTS**

**Swallowed:** The material has NOT been classified by EC Directives or other classification systems as “harmful by ingestion”. This is because of lack of corroborating animal or human evidence. The material may still be damaging to health of the individual, following ingestion, especially where pre-existing organ (e.g. liver, kidney) damage is evident. Gastro-intestinal tract discomfort may cause nausea and vomiting. In occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern.

- Eye:** Although the liquid is not thought to be an irritant (as classified by EC directives, direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness.
- Inhaled:** Not normally a hazard due to the non-volatile nature of the product. This material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in occupational setting.
- Skin:** The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in occupational setting.  
Entry into the bloodstream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to use of the material and ensure any external damage is suitably protected.
- Chronic:** Limited evidence suggests that repeated or long term occupational exposure may produce cumulative health effects involving organs and biochemical systems.  
Large and continuous doses of folic acid may lower the blood concentrations of Vitamin B12.

## **FIRST AID**

- Swallowed:** Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
- Eye:** Flush copiously with clean water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- Skin:** If skin or hair contact occurs: Flush skin and hair copiously with clean water (and soap, if available). Seek medical attention in the event of irritation.
- Inhaled:** Not applicable
- First aid facilities:** Access to emetic and clean water.
- Advise to doctor:** Treat symptomatically.

### III PRECAUTIONS FOR USE

Exposure standards:	None determined
Engineering controls:	None required when handling small quantities.
Personal protection:	Limit unnecessary personal contact. No specific requirement. Always wash hands with soap and water after handling.
Flammability:	Not applicable

### IV SAFE HANDLING INFORMATION

Storage & transport:	Store in a cool, dry place below 30°C (room temperature), with lid applied tightly.
Spills and Disposal:	Take up spilled liquid with an absorbent material (sand, sawdust, vermiculite, etc.) and dispose of in an authorised landfill area, where refuse is buried at least 500mm below surface.
Fire and explosion hazard:	Nil

### CONTACT POINT

Quality Assurance Manager  
RANVET PTY LTD

**DISCLAIMER:** The information provided in this MSDS is based upon sources believed to be accurate. However, the Company assumes no responsibility for the accuracy, completeness or suitability of this information. The product user is responsible for determining the suitability of this information for their particular purpose.