

**Vicmill**

Makers of Natural Humate Fertilisers

**NON
HAZARDOUS****HUMAVATOR**

Not Hazardous According to criteria of Worksafe Australia

COMPANY DETAILS

Supplier Name: Vicmill Natural Fertilizers Pty Ltd
ABN: 16 103 118 421
Head Office Address: 210 - 216 Centre Road, Invergordon VIC 3636
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Factory Address: 210 - 216 Centre Road, Invergordon VIC 3636
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PRODUCT DETAILS

Product Name: HUMAVATOR
Other Name: HUMAVATOR Liquid Fertiliser/Soil Conditioner
Manufacturers Product codes: Not applicable
U.N. Number: Not applicable
Hazchem Code: Not applicable
Dangerous Goods Class: Not applicable
(including subsidiary risk)
Poison Schedule: Not applicable
Use: Liquid Fertiliser

PHYSICAL DESCRIPTION / PROPERTIES

Appearance: Black Liquid
Boiling Point: >100°C (water only)
Melting Point: Not applicable
Vapour Pressure: Not applicable

(Pascals or mmHg@20°C)

Density: Not available
Flashpoint (°C): Not applicable
Flammability Limit (%): Not flammable
Solubility in Water: Soluble

OTHER PROPERTIES**ELEMENTAL ANALYSIS**

Nitrogen	8%	Copper	0.033%
Phosphorus	0%	Zinc	0.022%
Potassium	10%	Manganese	0.032%
Sulphur	0.028%	Iron	0.06%
Calcium	0.012%	Boron	0.006%
Magnesium	0.012%	Cobalt	0.008%
		Molybdenum	0.0012%



HEALTH EFFECTS

This product is virtually non-toxic by normal route of exposure. There is no data to suggest that chronic exposure has any adverse health effects in the way of carcinogenicity, mutagenicity or reproductive effects.

As with any agricultural liquid fertilisers and conditioners, ingestion, inhalation of vapours and prolonged or repeated skin contact should be avoided by good standards of industrial hygiene.

Respiratory Protection : Use appropriate ventilation in controlling airborne exposure and or approved respirator with replaceable mist filter. Reference Australian/New Zealand standards AS/NZS 1715

Eye Protection: **Appropriate** Safety glasses should always be worn when handling agricultural liquid fertilisers and conditioners. Eye protection devices should conform with Australian/New Zealand standard AS/NZS 1337.

Skin: It is recommended to always wear gloves and clothing of impervious material. Final choice, selection, use and maintenance relating to protective work wear may vary according to individual circumstances and risk assessments undertaken. Further Reference should be made to AS/NZS 2161.1: for safety standards on agricultural and industrial liquids.

FIRST AID

Swallowed: Swallowing small quantities is not normally harmful. Rinse mouth with water then drink a cup of water/milk to minimise discomfort. If necessary seek medical advice.

Eye: If irritation occurs, immediately flush the contaminated eye(s) with lukewarm, gentle flowing water for at least 10 minutes, holding eyelid(s) open. If irritation persists seek medical advice.

Skin: If irritation occurs, immediately flush area with lukewarm, gentle flowing water for at least 10 minutes. If irritation persists seek medical advice.

Inhaled: Inhalation is not normally harmful. Recovery is rapid after removal from exposure. If symptoms are experienced, remove victim to fresh air. If symptoms persist, seek medical advice.

First Aid Facilities:

Ensure an eye bath and safety showers are available and ready for use.

PRECAUTIONS FOR USE

Exposure Standards: No exposure limit has been assigned to this material.

Engineering Controls: Use in a well-ventilated area. Avoid inhaling dust.

Personal Protection: When using, do not eat, drink or smoke. Wash thoroughly before eating, smoking or using toilet facilities. It is good practice to wear normal protective clothing, glasses, safety boots, gloves, long sleeved shirt and trousers. Where high concentrations of airborne dust are present, a dust respirator conforming to AS1716 should be worn.

Flammability: Non flammable.

**SAFE HANDLING INFORMATION**

- Storage and Handling:** Not defined as Dangerous Goods by Australian Code for the Transport of dangerous Goods by Road or Rail. Store in a cool, dry place, apart from herbicides and fungicides. Keep bags closed when not in use.
- Spills and Disposal:** Small spills can be swept up for re-use, or can be sluiced away with large quantities of water to drains. Large spills should be swept up and shovelled into suitable containers for re-use. Broken packages should be added to the container. Sluice spill area with copious quantities of water. Disposal by burial or re-use is acceptable.
- Fire/Explosion Hazard:** No fire or explosion hazard.
In fire, use extinguishing media appropriate for the surrounding fire, advise Fire Brigade of nature of hazard.

OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the health and safety hazards of the product and general guidance on how to safely handle and use the product in the workplace. Since Vicmill Natural Fertilizers cannot anticipate or control the conditions under which the product may be used, each user must prior to usage, access and control the risks arising from its use of the product in the workplace, including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Vicmill Natural Fertilizers.