




VerteBlack Liquid Humates - Safety Data Sheet

1 - IDENTIFICATION

Product Name	VerteBlack Liquid Humates	
Recommended Use	Foliar Fertiliser	
Supplier	Location	Telephone
Fertilizer New Zealand Limited	52 Ranzau Road, Hope, 7020, New Zealand	03 541 0287
Fertilizer New Zealand Limited	21 Lady Barkly Road, Winton, 9782, New Zealand	03 236 8887
Email	info@fertainz.co.nz	
Website	www.fertainz.co.nz	
Emergency Contact	The National Poison Centre, New Zealand	0800 764 766 (0800 PIOSON)

2 - HAZARDS IDENTIFICATION

Dangerous Goods	Not classified as a Dangerous Goods according to NZS 5433:1999 Transport of Dangerous Goods on Land.
Hazardous Goods	Classified as Hazardous Goods according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.
HSNO Classifications	6.3A – Irritating to the skin. 6.4A – Irritating to the eye.
GHS Pictogram	
Precautionary Statements	Keep out of reach of children. Read label before use.

3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Proportion
Potassium Hydroxide	1310-58-3	1.174%
Water and other non-hazardous components		Up to 99%

4 – FIRST AID MEASURES

For advice, contact **The National Poisons Information center (Phone 0800 764 766)** or a doctor and have the product label on hand.

Swallowed	If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway. Seek medical advice
Skin Contact	Immediately remove contaminated clothing and wash before next use. Flush skin and hair with running water (and soap if available). Seek medical advice.
Eye Contact	If this product comes into contact with the eyes, wash out immediately with water. If irritation continues, seek medical attention.
Inhaled	If irritation occurs, remove the victim from the area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

5 - FIRE FIGHTING MEASURES

Specific Hazard	Non-combustible material
Suitable Extinguishing Media	This Product is not combustible, however, if material is involved in a fire, use media applicable to surrounding fire.
Hazards	Non-combustible material. May decompose on heating emitting fumes.
Fire-Fighting Advice	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to fumes.

6 - ACCIDENTAL RELEASE MEASURES

Spills	Do not allow the product to enter drains, sewers, or waterways. Remove leaking containers to detached area. Bund spill area, absorbs spilled product with inert material (e.g., sand, etc.) Dispose of waste in accordance with local authority bylaws.
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7 - HANDLING AND STORAGE

Handling Advice	Avoid skin and eye contact.
Storage	Store in original container in a cool, dry, well-ventilated place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	No limits set for this specific substance.
Engineering Controls	Natural ventilation should be adequate under normal use conditions.
Personal Protection Equipment	Wear protective gloves when handling. If prolonged exposure is anticipated, skin and eye protection is advised.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark liquid
Odour	Coal type odour
Solubility	Soluble in water
Flash Point (°C)	Not applicable
Specific Gravity (kg/L)	1.27
pH	10.5 – 11.0
Boiling Point (°C) Estimated	100

10 - CHEMICAL STABILITY AND REACTIVITY

Stability	Stable under normal conditions of use.
Conditions to Avoid	Freezing temperatures – May crystallize. Extreme heat – May decompose on heating emitting toxic fumes.
Incompatible Materials	None known.

11 - TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheets and the product label. Symptoms that may arise if the product is mishandled and overexposure occurs are:

Swallowed	No adverse effects expected, however, large amounts may cause diarrhea, nausea and vomiting.
Skin	A skin irritant.
Eye	An eye irritant.
Inhalation	Breathing in mists may produce respiratory irritation.

12 - ECOLOGICAL INFORMATION

Not expected to be persistent or bio accumulative.
Avoid contamination of waterways.

13 - DISPOSAL CONSIDERATIONS

Dispose or recycle in accordance with the Hazardous Substances (Disposal) Regulations 2001 and local authority bylaws.

14 - TRANSPORT INFORMATION

Not classified as hazardous for transport under Land Transport Rule: Dangerous Goods 2005

15 - REGULATORY INFORMATION

Regulations

Group Standard HSNO Approval Number: HSR002571

HSNO Classification: 6.3A, 6.4A

16 - OTHER INFORMATION

Revised Date	Reason for Revision
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June 2024	Update Emergency contact
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Additional Information: Directions for use can be found on the label.

Glossary

CAS No: Chemical Abstract Services Number, used to uniquely identify chemical compounds.

HSNO: Hazardous Substances and New Organisms (legislation 1996)

Disclaimer

All reasonably practicable steps have been taken to ensure this SDS, the health, safety and environmental information contained in it is accurate as specified at the date of issue.

This information and product are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the conditions under which the product may be used. Each person prior to usage must assess and control the risks arising from the use of this product.