
SAFETY DATA SHEET

Trade Name: SOUTHERN HUMATESDate of Issue 01/02/2021

1. Identification

Product Name: Humate **Recommended Use:** Applied as a soil conditioner

Other Names: Southern Humates **Proper Shipping Name:** Not applicable

NZ Supplier:

Name: Southern Humates Ltd

Address: 14 Cardigan Rd
Wyndham
Southland 9831

Phone: Malcolm Sinclair
0274 343 456

Website: www.southernhumates.co.nz

Emergency Contacts: Emergency Services (Fire, Ambulance, Police) – Dial 111
Nation Poisons Information Centre – 0800 764 766 (0800 POISON)

2. Hazard Identification

Not classified as Dangerous Goods for transport.

This product is approved under the Hazardous Substances and New Organisms Act (HSR002571, Fertilisers (Subsidiary Hazard) Group Standard 2006).

Hazard classification:

6.1D: Acute toxicant - Warning, harmful if swallowed, inhaled or absorbed through the skin

6.3A: Skin irritant - Warning causes skin irritation

6.4A: Eye irritant - Warning, causes eye irritation

Precautions:

Avoid contact with the eyes

Avoid contact with the skin

Avoid inhalation of spray mist

Avoid contamination of any water supply with product.

3. Composition/Information on Ingredients

Ingredient	CAS Number	Concentration % w/w
Humic Acid	1415-93-6	

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4. First Aid Measures

Symptoms of Over Exposure:

Inhalation:	Can cause irritation to mucous membranes and respiratory passages. Non-systemic
Skin Contact:	None known
Skin Absorption:	None Known
Eye Contact:	Potential mild irritation
Ingestion:	None known. The LD50 in acute oral toxicity studies is greater than 6,000 mg/kg. Large quantities can cause gastrointestinal irritation.

Emergency and First Aid Procedures:

- **Eye:** Flush with water.
 - **Skin:** Wash with water
 - **Inhalation:** If discomfort results, seek medical attention.
 - **INGESTION:** Due to the presence of iron salts, seek medical attention if large ingestion.
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5. Fire Fighting Measures

Hazards: Non combustible

Extinguishing Media: All.

HazChem Code: N/A

Special Fire Fighting Procedures: N/A

Unusual Fire and explosion hazards:

Hazardous products of combustion: None

6. Accidental release measures

Spills: The product is soluble and can be flushed away or dispersed by dilution with water. As a soil conditioner it can simply be washed into soil as a safe means of dispersion. Alternatively, the product can be absorbed with sawdust or similar material and disposed of in soil or as refuse.

Disposal: Dispose of waste in accordance with local authority bylaws.

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7. Handling and Storage

Handling: Do not get in eyes, on skin, on clothing, Avoid breathing vapor. Do not swallow. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation.

Storage: Store away from incompatible materials and sources of heat and ignition. Store in cool, dry, ventilated place. Do not contaminate drinking water, food or feed by storage and disposal.

8. Exposure controls/personal protection

Occupational exposure limits values:

Engineering Controls: Proper ventilation must be provided in accordance with good ventilation practices

Personal protective equipment:

Eye protection : Safety glasses/goggles.

Hand protection: PVC gloves.

Skin and body protection: Protective clothing.

Respiratory protection: Approved respirator when vapour or mist may be generated.

9. Physical and chemical properties

Appearance: Powder
Colour: Black
Odour: Odourless

10. Stability and reactivity

Stability: Stable

Materials and conditions to avoid:

Avoid all sources of ignition, heat, sparks, and open flame. Avoid Acids, divalent cations such as Zinc, iron or calcium, etc

Hazardous decomposition products:

Non known.

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11. Toxicological information

Health Effects:

Swallowed: Irritating if swallowed
Eye: May be irritating
Skin: May be irritating with prolonged contact
Inhaled: Irritating if inhaled, although an unlikely route of exposure

12. Ecological information

Persistence/ degradability

This product is biodegradable. It will not accumulate in soil or water or cause long term problems.

Aquatic toxicity: Data unavailable

13. Disposal considerations

Dispose of waste in accordance with local authority bylaws. May be washed with plenty of water into soils.

Dispose of packaging in accordance with local authority bylaws.

14. Transport regulations

U.N. Number: Not classified as hazardous for transport

Proper shipping name: N/A

Dangerous goods class: N/A

Packing Group: N/A

15. Regulatory information

HSNO Approval No: HSROO2571

Group Standard 2006: Fertiliser (Subsidiary Hazard) Group Standard 2008

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Other information

Abbreviations

CAS Number: Chemical Abstracts Service Number

HSNO: Hazardous substances and New Organisms Act 1996 (HSNO Act)

This SDS supersedes all previous issues. It summarises our best knowledge of the health and safety hazard information of the product. All users should read this SDS and consider the information in the context of how the product will be handled and used in the workplace,

Including in conjunction with other products. Since the actual use of this product is beyond the control of Southern Humates Ltd, we make no warranty, expressed or implied, concerning the use of this product. It is the responsibility of the users to ascertain that the product is suitable for intended application.
