

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product Name: AusMate.
Product Use: Soil Conditioner.
Proper Shipping Name: Not Applicable.

NZ Supplier: New Zealand Humates Ltd.
Postal Address: PO Box 558, Te Puke, Bay of Plenty, 3153
Telephone Number: 0800 486 2837

Emergency Contacts (24 hours): Emergency Services (Fire, Ambulance, Police) Dial 111
National Poisons Information Centre 0800 764 766

SECTION 2: HAZARD INFORMATION

Hazardous substance according to Hazardous Substances and New Organisms (HSNO) Act 1996.

Hazard Classifications: Skin irritation Category 2; Eye irritation Category 2, Specific target organ toxicity – single exposure Category 3.



Signal word: Warning

Hazard Statements:

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Prevention Statements:

P264	Wash hands and exposed skin thoroughly after handling.
P280	Wear protective gloves and eye protection/face protection.
P261	Avoid breathing dust.
P271	Use only outdoors or in a well-ventilated area.

Response Statements:

P302 + P352	IF ON SKIN: wash with plenty of soap and water.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTRE or doctor if you feel unwell.

Storage:

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
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Disposal:

P501	Dispose of contents/container in accordance with local regulations.
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SECTION 3: PHYSICAL DESCRIPTION / PROPERTIES

Substance: Humate

Chemical Entity	CAS No.	Content % w/w
Humic Acids	1415-93-6	10-30
Fulvic Acid	479-66-3	10-30

SECTION 4: FIRST-AID MEASURES

For advice call the National Poison Centre, telephone 0800 POISON [0800 764 766]. If medical advice is needed, have product container or label at hand.

IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
 IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.

Advice to Doctor: Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing Media: Non-flammable. Use media appropriate to surrounding fire conditions.
 Specific hazards arising from product: Decomposes on heating emitting toxic fumes, including those of oxides of copper.
 Protective equipment or Firefighters: Wear full personal protective equipment including with self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear gloves and eye/face protection. Avoid breathing dust.
 Environmental Precautions: Prevent spillage from entering drains or waterways. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.
 Methods and materials for containment and cleaning up: Contain spilled material. For dry spills, recover into labelled drums that can be sealed for safe disposal. For liquid spills, recover into labelled containers then absorb remaining liquid with inert material and transfer to drums for disposal. Clean area with water and detergent.
 Dispose of contaminated materials to approved landfill in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Read the label before use. Wear gloves and eye/face protection when handling. Wash hands and exposed skin after handling.
Conditions for safe storage:	Store closed container in a cool, dry, well-ventilated area out of direct sunlight and away from sources of heat and ignition.

SECTION 8: PERSONAL PROTECTION / EXPOSURE CONTROLS

Occupational exposure limits:	TWA 10 mg/m ³ - inhalable dust (not otherwise classified)
Engineering controls:	Use only outdoors or in well-ventilated area.
Personal protective equipment:	To avoid contact with eyes the use of goggles/face shield is recommended. Wear suitable gloves during handling of the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown powder.
Odour:	No odour.
Odour threshold:	No data available.
pH:	4.0 – 5.5
Melting point/freezing point:	No data available.
Initial boiling point/ boiling point range:	No data available.
Flash point:	No data available.
Flammability (solid/gas):	Not flammable.
Explosive limits:	Dust concentration 0.04-7kg/m ³
Vapour Pressure:	No data available.
Vapour density:	No data available.
Relative density:	0.75 g/cm ³
Solubility:	Fully miscible in water
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Kinematic viscosity:	No data available.
Particle characteristics:	No data available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	This product is unlikely to react or decompose under normal storage conditions.
Chemical stability:	Stable under normal temperatures and pressure for storage and use.
Conditions to avoid:	Avoid storage in direct sunlight. Avoid contact with strongly alkaline solutions. Avoid generation of fine dusts.
Incompatible materials and possible hazardous reactions:	None known.
Hazardous decomposition products:	Fire decomposition: toxic fumes, including those of oxides of copper.
Polymerisation:	Not known to occur.

SECTION 11: TOXICOLOGICAL INFORMATION

The product is classified for health hazards according to an assessment of information on the product.

Acute Toxicity:	Not classified.
Skin corrosion/irritation:	Classified as a skin irritant.
Serious eye damage/eye irritation:	Classified as serious eye irritant.
Respiratory or skin sensitisation:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
Specific target organ toxicity – single exposure:	May cause respiratory irritation following single exposure.
Specific target organ toxicity – repeated exposure:	Not classified.
Aspiration hazard:	Not classified.

SECTION 12: ECOLOGICAL INFORMATION

This product is not classified as hazardous to the environment.

Ecotoxicity:	Not classified.
Persistence and degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility In Soil:	No data available.
Other adverse effects:	None known.

SECTION 13: DISPOSAL AND CONSIDERATIONS

Product disposal:	Dispose of this product by using according to the label, or in accordance with local regulations.
Container disposal:	Submit clean empty container for recycling. Alternatively, dispose of at an approved landfill.

SECTION 14: TRANSPORT INFORMATION

Not classified as a dangerous good for transport.

UN Number:	None allocated.
Proper shipping name:	Not applicable.
Dangerous goods class:	Not applicable.
Packing group:	Not applicable.
Marine pollutant:	No
Special precautions:	Not applicable.

SECTION 15: REGULATIONS

Hazardous substance according to Hazardous Substances (Classification) Notice 2020.

HSNO approval number: HSR002571: Fertilisers (Subsidiary Hazard) Group Standard 2020

Tolerable exposure limits: None set

Environmental exposure limits: None set

Certified handler: Not applicable.

Tracking: Not applicable.

International considerations: Not applicable.

ACVM registration: Exempt from registration.

SECTION 16: OTHER INFORMATION

Date of preparation of SDS: 04/05/2025

SDS supersedes: 14 /12/ 2020

Abbreviations:

TWA: Time-weighted average (WES-TWA). The average airborne concentration of a substance calculated over an eight-hour working day.

Disclosure: The data and recommendations presented herein are based upon research of others and are believed to be accurate. However, no warranty is expressed or implied regarding this data or the results to be obtained from use thereof. New Zealand Humates Ltd assumes no responsibility for the injury to customers or third-party proximity caused by the material if reasonable safety and usage procedures are not adhered to as stipulated in this data sheet and / or other information found.