

SAFETY DATA SHEET

NTS Soluble Humate Granules™

Date of Issue: 24/07/2023

CLASSIFICATION OF MATERIAL

Not Classified as Hazardous according to Safe Work Australia (GHS)
Not a Dangerous Good according to the Australian Dangerous Goods Code

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	NTS Soluble Humate Granules™
UN Proper Shipping Name:	N/A
Recommended Use:	Fertiliser
Company Name:	Nutri-Tech Solutions Pty Ltd
Address:	7 Harvest Road, Yandina, Qld 4561, Australia
Email:	info@nutri-tech.com.au
ABN:	83 010 472 590
Telephone:	+61 5472 9900
Fax:	+61 5472 9999
Emergency Telephone Numbers:	Police, Ambulance, Fire: 000 (Mobile 112) Poisons Information Centre (Australia) 13 11 26 Nutri-Tech Solutions Mon-Fri 8:00am-4pm AEST 07 5472 9900 (Australia)

2. HAZARDS IDENTIFICATION

Hazard Classification:	Non-Hazardous
	Not classified as Hazardous according to the criteria of GHS.
	Not classified as a Dangerous Good according to the Australian Dangerous Goods Code.
	Not classified as a scheduled poison according to NDPSC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	Proportion
Humates including potassium humate	N/A	100%

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4. FIRST AID MEASURES

Ingestion:	May cause gastro-intestinal discomfort if consumed. Do not induce vomiting. Immediately rinse mouth with water (only if patient is conscious). Water can be given to dilute if patient is conscious. Consult a physician or call the poisons information centre.
Eye:	Immediately rinse with plenty of water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water, if irritation persists contact a physician.
Skin:	Wash with soap and water. If symptoms such as redness or irritation persist, consult a physician.
Inhalation:	Seek medical advice if breathing difficulty develops.
First Aid Facilities:	Normal washing facilities.
Advice to Doctor:	Treat symptomatically.
General Information:	N/A

5. FIRE FIGHTING MEASURES

Flammability:	Non-flammable and non-combustible. May decompose on heating to emit harmful vapours. Fire fighters recommended to wear SCBA.
Extinguishing media:	Use extinguishing media suitable for surrounding fire situations.
Hazchem Code:	N/A
Precautions in connection with fire	Wear SCBA and contain run-off to prevent entry in water or drainage systems.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:	Clean up all spills immediately. Avoid breathing dust and contact with skin and eyes. Control personal contact by using protective equipment. Sweep/shovel up spill and place in suitable labelled containers for waste disposal or recycling. Wash area with water (prevent run-off from entering drains).
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7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid generating dust. Avoid contact with skin and eyes.
Storage:	Keep out of reach of children. Store in a cool, dry area in original sealed container/bag. Do not store in prolonged sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:	None established for this product. TWA for dusts = 10 mg/m ³ .
Biological Limit Values:	None established.
Engineering Controls:	None established.
Personal Protective Equipment:	Gloves, safety glasses. Dust mask if dust is present.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black granules
Odour:	Mild
pH:	No data available
Flammability:	Not combustible
Solubility in Water:	Mostly soluble
Lower Explosion Limit:	No data available
Upper Explosion Limit:	No data available
Bulk Density:	No data available
Conductivity:	No data available
Melting Point:	No data available
Boiling Point:	No data available
Vapour Pressure:	No data available
Evaporation Rate:	No data available

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use.
Hazardous Reactions & Materials to Avoid:	Hazardous polymerization will not occur. Avoid heat and flames.
Hazardous Decomposition Products:	No hazardous decomposition products are known.

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11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	No LD ₅₀ data available. May cause gastro-intestinal discomfort if consumed.
Skin:	No data available. May cause irritation after prolonged or repeated exposure.
Eye:	No data available. Causes irritation and dust may scratch the surface of the eye.
Respiratory or skin sensitisation:	No data available. Breathing dust may cause respiratory irritation.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
Specific Target Organ Toxicity (STOT) single exposure:	No data available.
Specific Target Organ Toxicity (STOT) – repeated exposure:	No data available.
Aspiration Hazard:	No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data available
Persistence/Degradability:	No data available
Mobility:	No data available
Environmental Protection:	No data available

13. DISPOSAL CONSIDERATIONS

Disposal Method:	Dispose of in accordance with local government guidelines. (May be suitable for landfill). Product should not be disposed of into natural watercourses or storm water systems.
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14. TRANSPORT INFORMATION

Land Transport (ADG Code):	Not regulated for transport of Dangerous Goods
Air Transport (IATA)	Not regulated for transport of Dangerous Goods
Sea Transport (IMDG Code)	Not regulated for transport of Dangerous Goods

15. REGULATORY INFORMATION

SUSMP Poisons Schedule:	Not scheduled.
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16. OTHER INFORMATION

Acronyms	
ADG Code:	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS:	Australian Inventory of Chemical Substances
CAS Number:	Chemical Abstracts Service Registry
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
Hazchem Code:	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC:	International Agency for Research on Cancer
NDPSC:	National Drugs and Poisons Scheduling Committee
NOS:	Not Otherwise Specified
NTP:	National Toxicology Program (USA)
UN Number:	United Nations Number
SUSMP:	Standard for the Uniform Scheduling of Medicines and Poisons
STEL:	Short Term Exposure Limit
TWA:	Time Weighted Average (the average airborne concentration when calculated over a normal eight hour working day for five days a week)
LD₅₀:	Lethal Dose for 50% Mortality
SCBA:	Self Contained Breathing Apparatus

Disclaimer

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. Nutri-Tech Solutions P/L, assumes no responsibility for the injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

END OF SDS