



SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name: Tui Sulphate of Ammonia.

Recommended Use: A fertiliser for use in the home garden.

Company Name and Address: Evergreen Garden Care New Zealand Limited. Truman Lane, Mount Maunganui, New Zealand

Telephone Number: +64 7 5752160

Emergency Telephone Numbers: 0800 CHEMCALL (0800 243 622) 24 hours
0800 POISON (0800 764 766) National Poisons Centre
111 – New Zealand Fire Service

Date of Preparation: October 2025

2. HAZARDS IDENTIFICATION:

EPA GHS 7 Hazard Classifications: Acute oral; toxicity category 4.
Hazardous to terrestrial vertebrates

Signal Word: Warning.

Hazard Statement: Harmful if swallowed.
Harmful to Terrestrial Vertebrates

Pictogram: 

Precautionary Statements: Keep out of reach of children and animals.
Read carefully and follow all instructions.
Wash hands, face, arms and exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.

Response Statements: If medical advice is needed, have product container or label at hand.
IF SWALLOWED. Call a POISON CENTRE or doctor/physician if you feel unwell.
Rinse mouth.

Dangerous Goods Classifications: Not classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMPONENT	PROPORTION	CAS NUMBER
Ammonium Sulphate	100%	7783-20-2

4. FIRST AID MEASURES:

For advice, or if poisoning occurs contact a doctor or the National Poisons Centre 0800 POISON (0800 764 766).

Inhalation: Not triggered however over exposure may cause mucous membrane irritation and coughing. Remove patient to fresh air. Keep at rest in comfortable position for breathing. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance if needed.

Ingestion: Harmful if swallowed. Ingestion of large quantities may lead to nausea, vomiting, diarrhoea and thirst. Never give anything by mouth to an unconscious person. If swallowed, rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Eye Contact: Not triggered, however, direct contact may result in lachrymation (tears), pain, redness and conjunctivitis. If in eyes flush with plenty of water for several minutes, holding eyelids open if necessary. Remove contact lenses if present and easy to do. Seek medical advice.

Skin Contact: Not applicable, however prolonged and repeated skin exposure may result in irritation and skin rash. If on skin wash affected area thoroughly with soap and water. Seek medical attention if needed.

Notes to Physician: Treat symptomatically.



5. FIRE FIGHTING MEASURES:

Hazard Type:	Non-flammable.
Suitable Extinguishing Media:	Based on surrounding materials.
Precautions for fire fighters and special protective clothing:	Breathing apparatus, goggles and protective gloves.
Hazards from combustion products:	Non-combustible. Decomposes on heating to form ammonia, nitrogen oxides and sulphur oxides.

6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures:	Keep unnecessary and unprotected personnel from entering the area. If contamination of sewers or waterways has occurred advise local emergency services.
Personal Precautions and Protective Equipment:	Refer to SDS section 7 for handling and precautionary measures. Refer to SDS section 8 for additional information and personal protection equipment.
Environmental Precautions:	Contain - prevent from entering drains, sewers, waterways and/or groundwater.
Methods and Materials for Containment and Clean up:	Sweep up spilled material, avoid creating and breathing in dust when cleaning up, e.g. by wet sweeping, collect and store in properly labelled, sealed containers for safe disposal. If contamination of sewers or waterways has occurred advise local emergency services.

7. HANDLING & STORAGE:

Precautions for safe handling and storage:

Read label and the safety data sheet before opening and using this product.

Handling: Keep out of reach of children and animals.
Read label and the safety data sheet carefully before use and follow all instructions.
Do not eat, drink or smoke when using this product.
Wash hands, face, arms and exposed skin thoroughly after handling.
Avoid generating dust and do not breathe dust.
Avoid unintended release into the environment.
Wear personal protective clothing as detailed in section 8 below.

Storage: Keep out of reach of children and animals
Store away from incompatible materials listed in section 10 below.
Store in a cool, dry, well-ventilated area out of direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Occupational Exposure Limits:	No WES values are set by Worksafe New Zealand for this substance at this time. However, Workplace Exposure Standard(s) for particulates not otherwise classified: Inhalable dust: WES-TWA 10 mg/m ³ Respirable dust: WES-TWA 3 mg/m ³
Engineering Controls:	Handle in a well-ventilated area, ensuring that the ventilation is adequate to maintain low air concentrations of dust, Minimise generation of airborne dust. If dust is generated use local extraction to control. Avoid inhalation of dust.
Personal Protective Equipment:	Respiratory Protection: If dust is present wear a dust mask. Skin protection: Wear protective gloves and overalls Eye protection: Wear safety goggles. Eye wash facilities should be available. General: Remove protective clothing and wash hands, face, arms and exposed skin thoroughly before meals and after work.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance:	White to grey/brown granules.
Odour:	Odourless.
pH:	5-6 (50g/L in water at 20°C).
Bulk Density (kg/m³):	1050 kg/m ³ .
Melting Point:	280°C (decomposes).
Boiling Point:	Not available.
Freezing Point:	Not available.
Flash Point:	Not available.
Water Solubility:	744 g/L at 20°C.
Flammability:	Non-flammable.
Specific Gravity:	1.77g/cm ³
Vapour Pressure:	Not available

10. STABILITY and REACTIVITY:

Chemical Stability:	This product is stable under normal conditions.
Conditions to avoid:	Strong heat, moisture
Incompatible materials:	Oxidisers.
Hazardous decomposition products:	Decomposes on heating to form ammonia, nitrogen oxides and sulphur oxides.
Hazardous Reactions:	Not available.

11. TOXICOLOGICAL INFORMATION:

Potential Health Effects: This section includes possible adverse effects, which could occur if the product is not handled in the recommended manner.

Eye Contact:	Not triggered, however, direct contact may result in lachrymation (tears), pain, redness and conjunctivitis.
Skin Contact:	Not applicable, however prolonged and repeated skin exposure may result in irritation and skin rash.
Ingestion:	Harmful if swallowed. Ingestion of large quantities may lead to nausea, vomiting, diarrhoea, thirst. LD50 (oral, rat) 2840 mg/kg
Inhalation:	Not triggered however over exposure may cause mucous membrane irritation and coughing.
Chronic Effects:	
Carcinogenicity:	Not applicable.
Reproductive Toxicity:	Not applicable.
Germ Cell Mutagenicity:	Not applicable.
Aspiration:	Not applicable.
STOT/SE:	Not applicable.
STOT/RE:	Not applicable.

**12. ECOLOGICAL INFORMATION:**

Ecotoxicity:	This product is harmful to terrestrial vertebrates, avoid unintended release into the environment, streams, and waterways.
Persistence and degradability:	Rapidly degradable.
Bioaccumulation:	Not bioaccumulate.
Mobility in Soil:	No data available.
Other adverse effects:	None known.

Individual component information (Please refer to www.epa.govt.co.nz for full details):

Ammonium Sulphate**(Cas No 7783-20-2):**

Route:	Species:	Duration:	LC₅₀ / EC₅₀
Acute aquatic, fish	Catla catla	96-hour	48 mg/L
Acute aquatic, Crustacean	Crangon crangon (Crustacea)	96-hour	81-130 mg/L

13. DISPOSAL CONSIDERATIONS:

Disposal methods:	Dispose of this product by using in accordance with the product label directions or at an approved landfill. Dispose of packaging safely with domestic rubbish or through the soft plastics recycling scheme. If wastes and/or packaging cannot be disposed of according to the product label directions or instructions above, disposal must be in accordance with your local area regulatory authorities following all applicable regional, national and local laws and regulations.
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14. TRANSPORT INFORMATION:

Not classified as a Dangerous Good for Transport.

15. REGULATORY INFORMATION:

EPA New Zealand Approval Code: Fertilisers (subsidiary) - HSR002571.

16. OTHER INFORMATION:

Date of preparation of SDS:	October 2025.
Abbreviations in SDS:	EC₅₀: Median effective concentration. EPA: The Environmental Protection Authority of New Zealand. LC₅₀: Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it. WES: Workplace exposure standard set by Worksafe New Zealand.

DISCLAIMER:

This product must be used strictly as directed. To the maximum extent permitted by law Evergreen Garden Care New Zealand Limited, its officers, employees, agents, distributors and retailers shall have no liability to any purchaser or user of this product, or any other person, for any loss, damage or injury (including personal injury) arising out of the use or storage of this product otherwise than in accordance with the directions for use and storage.

----- End of SDS -----