



SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name:	Tui Sulphate of Potash.
Recommended Use:	Potassium fertiliser for use in home gardens.
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:	April 2025

2. HAZARDS IDENTIFICATION:

EPA Hazard Classifications:	Based on available information, this material is not classified as hazardous according to the criteria of EPA New Zealand GHS 7.
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
Ingredients determined to be non-hazardous or below reporting limits	100%	-

4. FIRST AID MEASURES:

For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor/physician.

Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is shallow or has stopped ensure airway is clear. Seek medical attention if needed.
Ingestion:	Never give anything by mouth to an unconscious person. If swallowed, rinse mouth with water. Seek medical advice/attention and call a POISON CENTRE or doctor/physician if you feel unwell.
Eye Contact:	If in eyes, hold eyelids apart and immediately flush with cold water. Continue for at least 15 minutes removing contact lenses if present and easy to do so. Seek medical advice/attention.
Skin Contact:	If on skin, wash the skin well with plenty of water and soap whilst removing contaminated clothing. If skin irritation occurs seek medical advice/attention. Wash contaminated clothing before re-use.
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:	Sulphur oxides, potassium oxides.



6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures:	Isolate area. Keep non-essential and unprotected personnel from entering the area. If contamination of sewers or waterways has occurred advise local emergency services.
Personal Precautions, Protective Equipment and Emergency Procedures:	Refer to SDS section 7 for handling and precautionary measures. Refer to SDS section 8 for additional information and personal protection equipment.
Environmental Precautions:	Avoid unintended release into soil, ditches, sewers, waterways and/or groundwater.
Methods and Materials for Containment and Clean up:	Contain spilled product, sweep up product avoiding creating dust and place in properly labelled sealable container for disposal or reuse. If contamination of sewers or waterways has occurred advise local emergency services.

7. HANDLING & STORAGE:

Precautions for safe handling and storage:

Handling:	Read label before use. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Keep out of reach of children and animals. Avoid creating dust when handling and avoid breathing in dust. Avoid contact with the product and skin or eye contact. After work, remove protective clothing and equipment, wash hands before eating, drinking, and chewing gum, using tobacco or using the toilet. Clean up spilled material and wash clothing, equipment and work area after use.
Storage:	Store in a tightly closed original container in a cool, dry, well-ventilated area out of direct sunlight. Store away from children, animals, food, feedstuffs, drink containers, fertilisers and seeds. Keep containers closed when not in use and check regularly for spills.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Occupational Exposure Limits:	No WES values are set by Worksafe New Zealand for this substance at this time. However, WES TWA for respirable dust: 3 ppm mg/m³ WES TWA for inspirable dust: 10 ppm mg/m³
Engineering Controls:	Handle in a well-ventilated area. If dust is generated use local extraction to control. Avoid inhalation of dust. Keep containers closed when not in use.
Personal Protective Equipment:	Avoid contact with eyes, skin and breathing in dust. Respiratory Protection: Use with adequate ventilation, avoid creating or breathing in dust. If risk of inhalation exists wear a dust mask. Skin protection: Use protective gloves and overalls when handling this product. Wash hands and exposed skin thoroughly with soap & water after use. Wash protective clothing thoroughly before storage or reuse. Eye protection: When handling, avoid creating dust, wear safety goggles and avoid eye contact.



9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	White to cream granules.
Odour:	Odourless.
pH:	5.5 – 7.5 (50g/L in water at 20°C).
Vapour Pressure:	Not available.
Melting Point (°C):	1069°C.
Boiling Point (°C):	Not available.
Freezing Point (°C):	Not available.
Solubility in water:	Soluble.
Specific Gravity (g/cm ³):	2.66 g/cm.
Bulk Density (kg/m ³):	1.340 kg/m ³ .
Flash point (°C):	Not available.
Flammability:	Non-Flammable.

10. STABILITY and REACTIVITY:

Chemical Stability:	This product is stable under normal conditions.
Conditions to avoid:	Strong heat. Avoid creating dust when handling.
Incompatible materials:	None known.
Hazardous decomposition products:	Decomposes on heating to form sulphur oxides, potassium 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 a mechanical irritation.
Skin Contact:	Not applicable.
Ingestion:	Not triggered however ingestion of large quantities may lead to vomiting, diarrhoea, potassium toxicity, LD ₅₀ (oral, rat) 6600mg/kg.
Inhalation:	Not triggered however over exposure may cause nuisance dust.

12. ECOLOGICAL INFORMATION:

Ecotoxicity:	Not classified as hazardous to the environment. Avoid unintended release into soil, ditches, sewers, waterways and/or groundwater.
Persistence and degradability:	No data available.
Bioaccumulation:	No data available.
Mobility in soil:	No data available.
Other adverse effects:	None known.



13. DISPOSAL CONSIDERATIONS:

Disposal methods:

Dispose of this product by using in accordance with the product label directions or into landfill. Do not dispose of this product into drains, sewers or waterways. Packaging disposal – empty packaging by using the product in accordance with the product label directions. Crush empty packaging and dispose of safely with domestic rubbish.

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local area regulatory authorities following all applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION:

Not classified as a Dangerous Good according to NZS 5433: Transport of Dangerous Goods on Land.

15. REGULATORY INFORMATION:

EPA Hazard Classifications:

Based on available information, this material is not classified as hazardous according to the criteria of EPA New Zealand GHS 7.

16. OTHER INFORMATION:

Date of preparation of SDS:

April 2025.

SDS Version:

Version 4.

Abbreviations in SDS:

EPA: The Environmental Protection Authority of New Zealand.

pH: A measurement of how acidic or alkaline a material is using a scale of 1 -14. pH 1 is strongly acidic, pH 14 is strongly alkaline.

TEL: Tolerable exposure limit set by EPA.

WES: Workplace exposure standard set by Worksafe.

References:

- (1) Workplace Exposure Standards and Biological Exposure Indices, 15th Edition. February 2025. Worksafe, New Zealand Government.

The information contained in this Safety Data Sheet has been generated from our best knowledge of the health and safety hazard information for Tui Sulphate of Potash at the time of review. Contact Evergreen Garden Care New Zealand Limited for any further information on handling this product.

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 Safety Data Sheet -----