



SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name:	Tui Superphosphate.
Recommended Use:	A general-purpose 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: Eye irritation Category 2.

Signal Word: Warning.

Hazard Statement: Causes serious eye irritation.

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.
Wear eye & face protection.

Response Statements: If medical advice is needed, have product container or label at hand.
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.

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
Superphosphate	100%	8011-76-5

4. FIRST AID MEASURES:

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

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Contact a doctor and seek medical advice/attention.

Ingestion: If swallowed, rinse mouth. If large quantities are ingested give 1 or 2 glasses of water to dilute. Do NOT induce vomiting unless directed to do so by medical personnel. Seek medical advice/attention.

Eye Contact: Causes serious eye irritation. Immediately flush with cold water holding eyelids open if necessary. Continue for at least 15 minutes. Remove contact lenses if present and easy to do so. Seek medical advice/attention.

Skin Contact: Wash the skin well with plenty of water and soap whilst removing contaminated clothing. Wash clothing before re-use.

Notes to Physician: Treat symptomatically.



5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media:	Not flammable, however, if material is involved in a fire use: Media applicable to surrounding fire.
Precautions for fire fighters and special protective clothing:	Not combustible, however, if material is involved in a fire fighters to wear breathing apparatus and suitable protective clothing applicable to surrounding fire.
Hazards from combustion products:	Sulphur oxides, Phosphorous 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 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.
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.
Personal Protective Equipment:	Respiratory Protection: Use with adequate ventilation, avoid breathing dust, Wear particulate respirator where there is a risk of breathing in moderate to high levels of airborne dust. Skin protection: Avoid contact with skin. Wear protective clothing and gloves where there is a risk of moderate to high skin contamination from product. Eye protection: Do not allow contact with eyes. Wear close fitting safety glasses or goggles to prevent dust getting in eyes. Ensure eye wash facilities should be available. Wear face protection. General: Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face before meals and after work. Wash protective clothing daily after work.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance:	Grey or brown solid granules & dust.
Odour:	None.
Solubility in water:	Partially soluble in water.
Bulk Density (kg/m³):	1150 kg/m ³

10. STABILITY and REACTIVITY:

Chemical Stability:	Stable under normal conditions of use.
Conditions to avoid:	No specific conditions.
Incompatible materials:	No specific incompatibilities.
Hazardous decomposition products:	Sulphur oxides, phosphorous oxide.
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:	Causes serious eye irritation. Direct contact may result in lachrymation (tears), pain, redness and conjunctivitis.
Skin Contact:	Not triggered however prolonged and repeated skin exposure may result in irritation, skin rash and dermatitis.
Ingestion:	Not triggered but may have a diuretic effect. Over exposure may cause mucous membrane irritation and coughing.
Inhalation:	Not triggered however elevated exposure may result in mucous membrane irritation (nose & throat).
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:	Slightly harmful to the environment. Avoid unintended release into streams and waterways.
Persistence and degradability:	No data available.
Bioaccumulation:	No data available.
Mobility in Soil:	No data available.

Other adverse effects:

Fluorosis, or fluoride poisoning, is often mistakenly called phosphate poisoning or superphosphate poisoning, because it is most commonly results when animals gain access to phosphate fertilisers. In fact, it is the fluoride (F) component of the fertiliser that is the issue, as all naturally occurring phosphate (P) deposits also contain fluoride. To minimise the risk of fluorosis, stock should not be allowed to graze pasture top dressed with phosphate fertiliser for 21 days or until at least 25 mm of rain has fallen. Note that this will minimise but not necessarily eliminate the risk of poisoning. Where it is not possible to avoid grazing top dressed pasture, applying well-granulated fertiliser to dry pasture is probably better than applying dusty product, especially to dewy or wet pasture. Avoid overgrazing this pasture to minimise uptake of fertiliser granules from the soil.

So, for milking cows, the best estimate is that somewhere between 3 g and 25 g F (100g - 2kg of phosphate fertiliser) is likely to cause toxicity problem, based on the F content below. Ewes are probably affected at similar rates per bodyweight, e.g. 15-150g of fertiliser. Fluoride Content = 1.1 - 2.0%, 11 – 20 g/kg.



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.

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:
EPA: The Environmental Protection Authority of New Zealand.
LD₅₀: Lethal Dose-50%. The doses of a chemical that will kill 50% of the test animals receiving 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 -----