



Tui Products Ltd.

Document Name:

SAFETY DATA SHEET – NORLAKE GENERAL GARDEN FERTILISER

Date of issue:

Sept 2015

Version No:

1

Page Number:

1 of 5

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name: Norlake General Garden Fertiliser

Recommended Use: General Plant Fertiliser.

Manufacturing Company Address: Tui Products Ltd,
Truman Lane, Mount Maunganui,
New Zealand

Telephone Number: +64 7 5752160

Emergency Telephone Numbers: 0800 POISON (0800 764 766) National Poisons Centre
111 – New Zealand Fire Service

Date of Preparation: Sept 2015

2. HAZARDS IDENTIFICATION:

Dangerous Goods: Not classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.

Hazardous Substance (HSNO): Classified as hazardous according to criteria in the HS (Minimum Degree of Hazard) Regulations 2001.

HSNO Hazard Classifications: 6.1D, 6.3B, 6.4A, 6.9A, 9.1D, 9.3B.



Signal Word: Danger

Hazard Statements: Harmful if swallowed
Causes mild skin irritation.
Causes serious eye irritation.
Causes damage to organs through prolonged or repeated exposure.
Harmful to aquatic life.
Toxic to terrestrial vertebrates.

Prevention Statements: Keep out of reach of children.
Read label before use.
Read Safety Data Sheet before use.
Wash hands, arms and face thoroughly after handling.
Do not eat, drink or smoke when using this product.
Do not breathe dust.
Wear eye protection/face protection.

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. Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
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.
Get medical advice/attention if you feel unwell.
Collect Spillage

**3. COMPOSITION/INFORMATION ON INGREDIENTS:**

COMPONENT	CONCENTRATION	CAS NUMBER
Superphosphate	30 – 60%	-
Ammonium Sulphate	10 – 30%	7783-20-2
Potassium Chloride	5 – 30%	7447-40-7
Calcium Carbonate	10 – 30%	471-34-1

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. Call a POISON CENTRE or doctor/physician if you feel unwell.
Ingestion:	If swallowed, Do NOT induce vomiting. Rinse mouth. Seek medical attention.
Eye Contact:	If in eyes, hold eyelids apart and immediately flush with cold water. Continue for at least 15 minutes. Contact a doctor.
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. Wash contaminated clothing before re-use.
Notes to Physician:	Treat symptomatically.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media:	Not combustible, if material is involved in a fire use extinguishing media suitable for surrounding material and fire.
Precautions for fire fighters and special protective clothing:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.
Hazards from combustion products:	Decomposes on heating emitting toxic fumes.

6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures:	Isolate area. Keep unnecessary 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 to prevent contamination of skin, eyes and personal clothing.
Environmental Precautions:	Contain - prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
Methods and Materials for Containment and Clean up:	Sweep or vacuum up product avoiding creating dust. Contain product to prevent from entering soil, drains and waterways. Collect spilled product and place in properly labelled sealable container for disposal. If contamination of sewers or waterways has occurred advise local emergency services.



7. HANDLING & STORAGE:

Precautions for safe handling and storage:

Handling:

Keep out of reach of children.
Avoid skin and eye contact and breathing in dust.
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 immediately 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 ADE, PDE or TEL values are set by EPA for this substance at this time. No WES values are set by EPA or NZ Dept. of Labour Health & Safety for this substance at this time.
However, Workplace Exposure Standard(s) for particulates not otherwise classified:
Inhalable dust: WES-TWA 10 mg/m³
Respirable dust: WES-TWA 3 mg/m³

Engineering Controls:

No EEL set by EPA for this substance at this time.
Ensure ventilation is adequate, good general ventilation should be sufficient for most conditions. 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.
Skin protection:
Use rubber gloves when handling this product.
Wash hands and exposed skin thoroughly after use.
Wash protective clothing thoroughly before storage or reuse.
Eye protection:
When applying, avoid creating dust, wear eye protection and avoid eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:

Solid white/grey/pink granules & powders.

Odour:

Non-specific

pH:

Not applicable.

Vapour Pressure (20°C):

Not available.

Relative Vapour Density (air=1):

Not available.

Boiling Point (°C):

Not available.

Freezing Point (°C):

Not available.

Solubility in water:

Partially soluble in water.

Specific Gravity (g/ml @ 20°C):

Not available.

Flash point (°C):

Not available.

Upper Flammability Limit:

Not available.

Lower Flammability Limit:

Not available.

Auto Ignition Temperature (°C):

Not available.



10. STABILITY and REACTIVITY:

Chemical Stability:	Stable under normal conditions of use.
Conditions to avoid:	Avoid excessive heat, sources of ignition and open flame.
Incompatible materials:	Incompatible with acids.
Hazardous decomposition products:	Hydrogen chloride, hydrogen sulphide, oxides of nitrogen, oxides of sulphur, oxides of phosphorous, oxides of carbon and ammonia in fire conditions.
Hazardous Reactions:	None known.

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:	An eye irritant.
Skin Contact:	Contact with skin will result in irritation.
Ingestion:	Swallowing may result in irritation of the gastrointestinal tract.
Inhalation:	Breathing in dust may result in respiratory irritation.
Long Term Effects:	No information available for the product.

12. ECOLOGICAL INFORMATION:

Ecotoxicity:	Harmful to aquatic life, avoid contaminating waterways. Toxic to terrestrial vertebrates.
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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. Some local authorities offer hazardous waste collection, contact your local council for details.
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14. TRANSPORT INFORMATION:

Not classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.

Not classified as a Dangerous Good by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Not classified as a Dangerous Good by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.



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5 of 5

15. REGULATORY INFORMATION:

Classified as hazardous according to criteria in the HS (Minimum Degree of Hazard) Regulations 2001.

EPA New Zealand Approval Code: HSR002571 Fertilisers (Subsidiary Hazard) Group Standard 2006.

16. OTHER INFORMATION:

Date of preparation of SDS: Sept 2015.

SDS Version: Version 1.

Abbreviations in SDS:

ADE: Acceptable daily exposure values set by EPA.

EEL: Environmental exposure standard set by EPA.

EPA: The Environmental Protection Authority of New Zealand.

PDE: Potential daily exposure values set by EPA.

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: Work place exposure standard set by EPA or NZ Dept. of Labour Health & Safety.

DISCLAIMER:

This product must be used strictly as directed. To the maximum extent permitted by law Tui Products 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 -----