

# SAFETY DATA SHEET

**KIWICARE®**

Product Name: *Lawn Pro Lawn Thickener*

Print/View Date: 12/10/2022

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## 1. PRODUCT AND COMPANY INFORMATION

<b>Chemical/Product Name:</b>	<b>Lawn Pro Lawn Thickener</b>
Recommended uses:	Fertiliser
Restrictions on Use/Supply:	None
Molecular Formula:	Mixture
Supplier:	Kiwicare Corporation Limited
Street Address:	225 Maces Road, Bromley, Christchurch, 8062 New Zealand
Postal Address:	P.O Box 15050, Aranui, Christchurch, 8643 New Zealand
Telephone	+64 3 389 0778
Email:	<a href="mailto:info@kiwicare.co.nz">info@kiwicare.co.nz</a>
Website:	<a href="http://www.kiwicare.co.nz">www.kiwicare.co.nz</a>
<i>Emergency Contact Numbers:</i>	<i>0800 764 766 (0800 POISON)</i>
<i>National Poisons Centre:</i>	<i>0800 764 766 (0800 POISON)</i>

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## 2. HAZARDS IDENTIFICATION

GHS Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
Eye Irrit. 2	Not applicable for the UN RTDG Model Regulations		Warning	H319	P103 P264 P280	P305+P351+P338 P337+P313	No storage statements	P501

Signal word:

WARNING

Dangerous Goods:

Not a Dangerous Goods

Packaging Group:

Not applicable: Packaging must comply with Part B, clause 8 – Hazardous Substances (Packaging) Notice 2017.

Hazardous Substance (GHS) Codes:

Eye Irritation Cat.2

Pictograms:



Hazard Statement:

H319: Causes serious eye irritation

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P264: Wash hands and face thoroughly after handling.

P280: Wear eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

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P501: Rinse container and dispose to landfill or recycling where allowed. Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. Do NOT burn.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Multi-coloured granules.

#### Ingredients

Ingredients	CAS #	Content %
Humic acid	308067-45-0	≤40%
Non specified non-hazardous ingredients	NA (Mixture)	to 100 %

### 4. FIRST AID MEASURES

General information: In case of accident, or if you feel unwell, seek medical advice, and have product label at hand.

Ingestion: Drink one or two glasses of milk or water. If you are feeling unwell seek medical advice or call doctor/physician. If medical advice is needed have product label at hand.

Eye Contact: Causes serious eye irritation. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, seek medical advice, or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

Skin Contact: Unlikely to cause skin irritation. Rinse skin with copious amounts of water. If skin irritation develops, seek medical advice, and have product label at hand.

Inhalation: Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice. If medical advice is needed have product label at hand.

Advice for Medical Doctors: Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

HAZCHEM code:	Not applicable
Specific Hazards:	None.
Suitable Extinguishing Media:	Use extinguishing media appropriate to the surrounding conditions.
Fire Fighting Advice:	Product is not flammable
Hazardous Products of Combustion:	Oxides of carbon, sulphur and nitrogen

## 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	Low environmental hazard. Contain spill and collect, sweep up the granules if possible.
Major Spills (more than 20 kg):	Minimise spread. Contain spill and collect granules in an appropriate sealable container for disposal.

## 7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid prolonged or repeated contact with skin and eye. Avoid inhaling dust. When handling product in bulk, safety footwear should be worn, and proper handling equipment should be used. Always use good personal hygiene procedures when handling this product. Wash hands and face before eating, drinking, or smoking. Clean equipment after use. Do not contaminate drains, sewers, or waterways.
Conditions for safe Storage including incompatibilities:	Keep out of the reach of children. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from foodstuffs, children, and animals. Do not allow product to get wet in storage.  Minimum shelf life: 2 years.
Protection against fire and explosion:	Keep away from heat sources although the product has no flammability. The product is not explosive.

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Keep away from oxidizing agents, strong alkalis, and strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	See 'Exposure Standards' below (Workplace Exposure Standards and Biological Exposure April 2022, Edition 13)
Engineering Controls:	No special requirements when used as recommended.
Hand protection:	If repeated or prolonged contact wear chemical resistant or disposable gloves.
Eye protection:	Wear safety glasses or full-face shield to prevent irritation from dust.
Body protection:	Skin protection not ordinarily required beyond standard issue work clothes.
Respiratory Protection:	Use suitable respiratory protection (respirator/disposable masks) to avoid inhaling dust.
General safety and hygiene measures:	Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Minimise contact with the skin, eyes, and clothing.
Environmental Exposure Controls:	Minimise release to the environment.

### Exposure Standards:

Substance	Cas #	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Silica-crystalline (all forms)			0.1 <sup>(r)</sup>		

<sup>r</sup>= respirable

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granule/Seed with multiple colours
Odour:	Neutral
Odour Threshold:	No data

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pH Value:	Not applicable
Melting/freezing point:	Not applicable
Boiling point (range):	Not applicable
Flash Point:	Will not flash
Flammability:	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Relative density:	1500-1700 g/cm <sup>3</sup>
Solubility:	No data
Partition coefficient:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data
Viscosity:	Not applicable

## 10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Incompatibility or conditions to be avoid:	None
Corrosive Properties:	Not corrosive to metals.
Thermal Decomposition:	No data for the mixture

## 11. TOXICOLOGICAL INFORMATION

Hazard Class:	Eye Irrit. 2
Acute Toxicity:	Acute oral and dermal LD <sub>50</sub> > 5000 mg/kg (calculated).

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Aspiration hazard:	Unlikely to cause irritation
Skin corrosion/irritation:	Unlikely to cause skin irritation
Serious eye damage/irritation:	Can cause serious eye irritation
Respiratory or skin sensitisation:	Unlikely to cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	Not mutagenic
Carcinogenicity:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
Reproductive toxicity:	Not a reproductive toxin.
Specific organ toxicity – single exposure:	Not applicable
Specific organ toxicity – repeated exposure:	Not applicable
Narcotic effects:	No data available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

## 12. ECOTOXICITY INFORMATION

Ecological information of substance:	Not an ecological toxic substance.
Bioaccumulation:	No data available.
Soil Toxicity:	Not applicable.

## 13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation:	Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017.
Container Disposal:	Empty containers can be recycled or sent to landfill after cleaning if in compliance with local and national regulations.  DO NOT reuse containers. Do NOT burn.

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Methods of disposal to avoid

Do not empty down stormwater system

## 14. TRANSPORT INFORMATION

### Road, Rail; Marine and Air:

UN Number:	Not applicable
Dangerous Goods Class:	No restriction for transport.
Hazchem Code:	Not applicable
Packaging Group:	Not applicable
Proper Shipping Name:	Not applicable
Segregation:	Not applicable

## 15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR002571
GHS Classifications:	Eye Irrit. 2
HSNO Controls:	Refer to HSR002571 Fertilisers Subsidiary Hazard Group Standard 2020.
Additional Controls:	None

## 16. OTHER INFORMATION

SDS date of preparation: 12 / 10 / 2022

SDS date of revision: 12 / 10 / 2027

All Safety Data Sheets are subject to review and should not be left longer than five years before and update is obtained.

For further information visit the Kiwicare web site, [www.kiwicare.co.nz](http://www.kiwicare.co.nz), or contact the supplier of the starting material.

The information in this document should be made available to all who may handle the product. For proper and safe use of this product, please refer to the product label.

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Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Kiwicare Corporation Limited and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

## Abbreviations:

ADR:	European agreement concerning the international carriage of Dangerous goods by Road
CLP:	Classification Labelling and Packaging
EC:	European Commission
EU:	European Union
GHS:	Global Harmonized System
H Phrase:	Hazard Phrase
HSNO:	Hazardous Substances and New Organisms (1996) Act
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organisation
IMDG:	International Maritime Dangerous Goods
P Phrase:	Precautionary Phrase
RID:	Regulations concerning the International carriage of Dangerous good by rail
STEL:	Short-Term Exposure Limit
TLV:	Threshold Limit Value
TWA:	Time Weighted Average

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