1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	**LawnPro Ultra Lawn Greener**
Recommended uses:	Fertiliser
Restrictions on Use/Supply:	See section 8, Additional NZ EPA Controls.
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:	info@kiwicare.co.nz
Website:	www.kiwicare.co.nz
Emergency Contact Numbers:	0800 764 766 (0800 POISON)
National Poisons Centre:	0800 764 766 (0800 POISON)

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
Acute Tox. 4 (Oral)	Not applicable for the UN RTDG Model Regulations		Warning	H302	P102 P264 P270	P101 P301+P312	No storage statement	P501
Skin Irrit. 2	Not applicable for the UN RTDG Model Regulations		Warning	H315	P103 P264 P280	P302+P352 P332+P313 P362	No storage statement	P501
Eye Irrit 2,	Not applicable for the UN RTDG Model Regulations		Warning	H319	P103 P264 P280	P305+P351+P338 P337+P313	No storage statement	P501

Signal word: WARNING

Dangerous Goods: Not a Dangerous Goods

Packaging Group: Not applicable

Hazardous Substance (GHS) Codes: Acute Toxicity (Oral) Cat. 4
Skin Irritation Cat. 2
Eye Irritation Cat. 2

Pictograms:

Hazard Statement: H302: Harmful if swallowed.
H315: Causes skin irritation.
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.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands and exposed skin thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

P280: Wear protective gloves, protective clothing and eye or face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

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

P332+P313: If skin irritation occurs: Get medical advice.

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

P362: Take off contaminated clothing and wash before reuse.

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: Clear, slightly green liquid.

Ingredients

Ingredients	CAS #	Content %
Nitrogen (as stabilised urea)	57-13-6	12
Iron (as sulfate)	7782-63-0	10
Magnesium (as sulfate)	10034-99-8	1
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 (show the label where possible).
Ingestion:	Harmful if swallowed. Rinse mouth and drink one to two glasses of milk or water. Do NOT induce vomiting. Call a POISON CENTRE or doctor if felling unwell and 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 and have product label at hand.
Skin Contact:	Causes skin irritation. Wash with soap and water. If skin irritation or rash occurs seek medical advice and have the product label at hand.
Inhalation:	Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice or call NZ Poisons Centre on 0800 764 766 and have product label at hand.
Advice for Medical Doctors:	Treat symptomatically

5. FIRE FIGHTING MEASURES

HAZCHEM code:	Not applicable.
Specific Hazards:	Minimise the use of water to prevent environmental contamination.
Suitable Extinguishing Media:	Appropriate fire extinguishers are Water, CO_2, Powder, or Alcohol resistant foam. Use extinguishing media appropriate to the surrounding conditions.
Fire Fighting Advice:	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely later.

Hazardous Products of Combustion:	Toxic fumes may be emitted if heated to decomposition, including carbon oxides (CO_x), nitrogen oxides (NO_x), and sulfur oxides (SO_x).

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	Minimise spread. Contain spill and collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an authorised installation. Do not allow product or washings to enter the waterways or sewer.
Major Spills (more than 20 kg):	Minimise spread. Contain spill and collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an authorised installation. Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority.

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid inhaling mist or spray. 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. 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. Keep away from oxidizing agents

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:	Wear chemical resistant gloves.
Eye protection:	Wear eye protection such as safety glasses or goggles.
Body protection:	Closed, long-sleeve work clothing to minimise skin contact.
Respiratory Protection:	No special requirement when used as recommended.
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. For bulk storage, an environmental assessment must be made to ensure compliance with local environmental legislation.

Exposure Standards:

		TWA		STEL	
Substance	**Cas #**	**ppm**	**mg/m^3**	**ppm**	**mg/m^3**
Iron salts, soluble, as Fe			1.0		

Additional NZ EPA controls:

Code	Section of HSNO Act	Control
None		

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, slightly green liquid
Odour:	No odour
Odour Threshold:	No data
pH Value:	No data
Melting/freezing point:	< 0°C
Boiling point (range):	100°C
Flash Point:	No data
Flammability:	No data
Explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	~1000 g/L
Solubility:	Soluble
Partition coefficient:	No data
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data
Viscosity:	Low

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Incompatibility or conditions to be avoid:	Avoid mixing with strong acids or bases and strong oxidising agents. Avoid excessive heating.
Corrosive Properties:	Not corrosive to metals.

Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Class:	Acute Toxicity (Oral) Cat. 4 Skin Irritation Cat. 2 Eye Irritation Cat. 2
Acute Toxicity:	No data for mixture. Iron Sulfate: Acute oral LD_{50} = 1389 mg/kg (rat). Acute dermal LD_{50} = No data
Aspiration hazard:	May cause irritation on prolonged or repeated inhalation of spray.
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye irritation
Respiratory or skin sensitisation:	Unlikely to cause respiratory sensitisation or an allergic skin reaction.
Germ cell mutagenicity:	No data available
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:	This product is not expected to cause reproductive or developmental effects.
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:	Unlikely to be hazardous to aquatic life. Do not contaminate waterways, sewers, or drains when using product or packaging. No data for mixture. Iron sulfate: Rainbow trout, LC_{50} (96 hr) = 45.1 mg/L Water flea, EC_{50} (48 hr) = 31.2 mg/L
Bioaccumulation:	Mixture not likely to bioaccumulate.
Soil Toxicity:	No soil toxicity.

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.
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:	Food and feedstuffs.

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR002571
GHS Classifications:	Acute Toxicity (Oral) Cat. 4 Skin Irritation Cat. 2 Eye Irritation Cat. 2
HSNO Controls:	Refer to HSR101291 – Fertilisers (Subsidiary Hazard) Group Standard 2020.
ACVM Approval Code:	Not applicable
Additional Controls:	None

16. OTHER INFORMATION

SDS date of preparation:	15 / 07 / 2025
SDS date of revision:	15 / 07 / 2030

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 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.

This information is based on data believed by Kiwicare Corporation Limited to be accurate at the time of writing. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

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