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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name: LawnPro Ultra Year Round Lawn Fertiliser

Recommended uses: Fertiliser

Restrictions on Use/Supply: This product is NON-HAZARDOUS and as such is

exempt for the requirements of the HSNO Act and HSW (Hazardous Substances) Regulations 2017.

Molecular Formula: Mixture

Supplier: Kiwicare Corporation Limited

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Zealand

Postal Address: P.O Box 15050, Aranui, Christchurch, 8643 New

Zealand

Telephone +64 3 389 0778

Email: <u>info@kiwicare.co.nz</u>

Website: <u>www.kiwicare.co.nz</u>

Emergency Contact Numbers: 0800 764 766 (0800 POISON)

National Poisons Centre: 0800 764 766 (0800 POISON)



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2. HAZARDS IDENTIFICATION

Signal word: No signal word. Material is non-hazardous

Dangerous Goods: Not a Dangerous Goods

Packaging Group: Not applicable

Hazardous Substance (GHS) Codes: Non-hazardous material

Pictograms: Not applicable

Hazard Statement: Not applicable

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.

P404: Store in a closed container.

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: Blend of white, grey, and brown granules

Ingredients

Ingredients	CAS#	Content %
Manganese sulfate	7785-87-7	<1
Zinc sulfate	7733-02-0	<1
Iron sulfate	7720-78-7	<5
Dibasic ammonium phosphate	7783-28-0	<15
Dipotassium sulfate	7778-80-5	<25
Magnesium sulfate	7487-88-9	<25
Dibasic ammonium sulfate	7783-20-2	<30
Colloidal rock phosphate	1306-05-4	<35
Urea	57-13-6	<70
Non specified non-hazardous ingredients	NA (Mixture)	to 100 %



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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: Rinse mouth and drink 1 to 2 glasses of milk or water.

Do NOT induce vomiting. If feeling unwell, seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at

hand.

Eye Contact: Unlikely to cause eye irritation. Rinse opened eye for

several minutes under running water. If irritation occurs, seek medical advice. If medical advice is

needed have product label at hand.

Skin Contact: Unlikely to cause skin irritation. If on skin, wash with

soap and water. If irritation occurs seek medical

advice.

Inhalation: Unlikely to present an inhalation hazard. If breathing

problems develop, remove to fresh air and keep at rest

in a position comfortable for breathing.

Advice for Medical Doctors: Treat symptomatically

5. FIRE FIGHTING MEASURES

HAZCHEM code: Not flammable.

Specific Hazards: None.

Suitable Extinguishing Media: 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: Formation of toxic gases may occur if heated to

decomposition, such as carbon oxides (CO_x) , nitrogen oxides (NO_x) , sulfur oxides (SO_x) , phosphorus oxides



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 $(\mathsf{P}_x\mathsf{O}_x),$ potassium oxide $(\mathsf{P}_2\mathsf{O}),$ zinc oxide (ZnO), and

manganese oxides (Mn_xO_x) .

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.

Major Spills (more than 20 kg): Minimise spread. Contain spill and collect. Do not

allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local

authority.

Collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an

authorised installation.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid prolonged or repeated contact with skin and

eyes. 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: The product is not flammable or explosive.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



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Exposure Standards: Non-hazardous material, no applicable exposure

standards

Engineering Controls: No special requirements when used as recommended.

Hand protection: Disposable gloves are recommended.

Eye protection: No special requirement when used as recommended.

Body protection: Skin protection not ordinarily required beyond

standard issue work clothes.

Respiratory Protection: No special requirement when used as recommended.

General safety and hygiene Handle in accordance with good hygiene and safety

measures: practice. Wearing of closed work clothing is

recommended. Minimise contact with the skin, eyes

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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: Not applicable

Additional NZ EPA controls: Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blend of white, grey, and brown granules

Odour: Earthy odour

Odour Threshold: No data

pH Value: 5.0 – 9.0

Melting/freezing point: > 150°C

Boiling point (range): No data

Flash Point: Not flammable

Flammability: Not applicable

Explosive limits: No data

Vapour pressure: No data

Vapour density: No data



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Relative density: 1250 – 1650 g/L

Solubility: Mixture of soluble and insoluble ingredients

Partition coefficient: No data

Auto-ignition temperature: No data

Decomposition temperature: No data

Viscosity: No data

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity: Stable under normal conditions of use. Not explosive

or oxidising.

Incompatibility or conditions to be

avoid:

None. Avoid excessive heating.

Corrosive Properties: Not corrosive

Thermal Decomposition: Formation of toxic gases may occur if heated to

decomposition, such as carbon oxides (CO_x), nitrogen oxides (NO_x), sulfur oxides (SO_x), phosphorus oxides (P_xO_x), potassium oxide (P_2O_x), zinc oxide (P_2O_x), and

manganese oxides (Mn_xO_x).

11. TOXICOLOGICAL INFORMATION

Hazard Class: Material is non-hazardous

Acute Toxicity: No data for the mixture

Aspiration hazard: Non-hazardous

Skin corrosion/irritation: Non-hazardous.

Serious eye damage/irritation: Non-hazardous

Respiratory or skin sensitisation: Non-hazardous

Germ cell mutagenicity: No data available



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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.

This product/material is non-hazardous and doesn't present any known health risks. 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 environmentally hazardous

Bioaccumulation: 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:



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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: Non-hazardous

GHS Classifications: Not applicable

HSNO Controls: Not applicable

ACVM Approval Code: Not applicable

Additional Controls: Not applicable

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



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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