SAFETY DATA SHEET

Last updated: 5 November 2026

Section 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Lawn Lager
Other Names:	Lawn Lager Liquid Lawn Fertiliser
Product Type:	Liquid lawn fertiliser and soil conditioner (1 L)
Chemical Family:	Aqueous fertiliser solution (urea based)
Recommended Use:	Liquid fertiliser and soil conditioner for turf feeding. Dilute with water before use as directed on the label.
Restrictions on Use:	Use only as directed on the product label.

Supplier:	ProLawns Au
Email:	sales@prolawnsau.com
Website:	www.prolawnsau.com
Emergency Phone:	Poisons Information Centre **13 11 26** (24 hours, Australia wide) Police, Fire and Ambulance **000**

Section 2. HAZARDS IDENTIFICATION

GHS Classification: Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS), 7th revised edition, as adopted by the Work Health and Safety Regulations, Australia.

Hazard Classes: Skin Irritation – Category 2; Serious Eye Irritation – Category 2

Dangerous Goods: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Poisons Schedule: None allocated.

GHS Label Elements

Signal Word: Warning

Pictogram: GHS07 (exclamation mark)



Contains: Urea and potassium hydroxide

Statement of Hazard	Precautionary Statements
H315 Causes skin irritation. H319 Causes serious eye irritation.	P101 If medical advice is needed, have the product container or label at hand. P102 Keep out of reach of children. P103 Read carefully and follow all instructions. P264 Wash hands and all exposed skin thoroughly after handling. P280 Wear protective gloves, protective clothing and eye/face protection. P302+P352 IF ON SKIN: Wash with plenty of water and soap. 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/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362 Take off contaminated clothing. P501 Dispose of contents/container in accordance with local regulations.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Urea	57-13-6	10 – 30% (w/w)
Potassium hydroxide	1310-58-3	<1% (w/w)
Ingredients determined not to be hazardous, including water	-	Balance to 100%

This is a commercial formulation. The exact ratio of components may vary slightly between production batches.

Section 4. FIRST AID MEASURES

Eye: Hold eyelids apart and flush continuously with running water for at least 15 minutes, removing contact lenses if present and easy to do. Continue until advised to stop by the Poisons Information Centre or a doctor, and seek medical attention.

Skin: Immediately remove contaminated clothing and flush skin and hair with running water for at least 15 minutes. Seek medical advice if irritation develops or persists.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. Give a glass of water to drink. Never give anything by mouth to an unconscious person. Seek medical advice.

Inhalation: Remove from exposure to fresh air, avoiding becoming a casualty yourself. Allow the person to rest in a comfortable position and keep warm. Seek medical advice if effects persist.

Most Important Symptoms: Causes skin irritation and serious eye irritation. Mists may irritate the nose, throat and respiratory tract. Swallowing may cause nausea, vomiting and gastrointestinal irritation.

Indication of Immediate Medical Attention/Special Treatment: Treat symptomatically. Have this SDS with you when you call the Poisons Information Centre (13 11 26).

Section 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water fog or fine water spray, alcohol-resistant foam, standard foam, carbon dioxide or dry chemical powder.

Specific Hazards Arising from the Chemical: Non-combustible, water-based material. After the water has evaporated, the remaining material may burn if ignited, giving off oxides of carbon and nitrogen, smoke and other toxic fumes.

Special Protective Equipment and Precautions for Fire-Fighters: Wear full protective clothing and self-contained breathing apparatus for large fires.

Explosion Data (sensitivity to mechanical impact or static discharge): None known.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear the protective equipment listed in Section 8 to prevent eye and skin contact. Avoid breathing mists. The product is slippery when spilt.

Environmental Precautions: Contain the spill to prevent run-off into drains, sewers and waterways. Notify the local water or environment authority if waterways are contaminated.

Methods and Materials for Containment and Cleaning Up: Small spills: wipe up with absorbent material and seal in a labelled container for disposal. Large spills: clear the area of unprotected people, work upwind, contain with soil, sand or another inert absorbent and collect for disposal. Wash the area down with water. As the product is water-based, spills onto electrical equipment may cause short circuits.

Section 7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid eye and skin contact. Avoid breathing vapour, mist or spray. Use in a well-ventilated area. Wash hands before eating, drinking or smoking.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry, well-ventilated place out of direct sunlight, in the original container, upright and tightly closed when not in use. Store away from foodstuffs, incompatible materials (Section 10) and sources of heat. Protect from freezing. Keep out of reach of children.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure: No exposure standard has been allocated to the product. Potassium hydroxide: peak limitation 2 mg/m^3 (Safe Work Australia).

Biological Monitoring: No biological limit allocated.

Engineering Controls: Use in a well-ventilated area. Use local exhaust ventilation, or a suitable respirator, in poorly ventilated areas where mists are generated. Eyewash and washing facilities should be available.

Respiratory Protection: Not normally required for label-directed use. In confined or poorly ventilated spaces, use a fitted respirator with a mist filter (AS/NZS 1715 and 1716).

Skin Protection: Nitrile rubber gloves for intermittent contact (AS/NZS 2161.1). Overalls and safety shoes.

Eye Protection: Safety glasses with side shields; chemical splash goggles when decanting or handling in bulk (AS/NZS 1337).

Other: Do not eat, drink or smoke while using. Wash hands after use.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Dark brown liquid with a characteristic odour	
Physical State: Liquid	**Flash Point:** Not applicable (water-based)
Colour: Dark brown	**Flammability:** Non-flammable
Odour: Characteristic	**Vapour Pressure:** Not determined
pH: 9.0 – 11.0	**Viscosity:** Not determined
Solubility in Water: Soluble	**Decomposition Temperature:** Not determined
Specific Gravity: 1.18	**Auto-Ignition Temperature:** Not applicable
Melting/Freezing Point: Not available	**Odour Threshold:** Not determined
Boiling Point: Not available	
Nutrient Analysis (N-P-K): N10 - P1 - K6	

Section 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Thermally stable when stored and used as directed.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Elevated temperatures, sources of ignition and freezing.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: Oxides of carbon and nitrogen, smoke and other toxic fumes if involved in a fire.

Hazardous Polymerisation: Will not occur.

Section 11. TOXICOLOGICAL INFORMATION

Eye: Causes serious eye irritation (Category 2), with stinging, tearing and redness.

Skin: Causes skin irritation (Category 2), with redness and itching.

Ingestion: Swallowing may cause nausea, vomiting and gastrointestinal irritation.

Inhalation: Mists may irritate mucous membranes and the respiratory tract.

Chronic: No adverse health effects are expected if handled in accordance with this SDS and the product label.

Sensitisation: Not classified as a skin or respiratory sensitiser.

Carcinogenicity: Not classified as a carcinogen.

Germ Cell Mutagenicity: Not classified as a mutagen.

Reproductive Toxicity: Not classified as a reproductive toxicant.

Numerical Measures of Toxicity: Acute toxicity estimates (based on ingredients): oral LD50 >2,000 mg/kg bw; dermal LD50 >2,000 mg/kg bw; inhalation LC50 >20.0 mg/L (vapours) / >5.0 mg/L (dust/mist).

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not classified as hazardous to the aquatic environment (acute toxicity estimate >100 mg/L, based on ingredients).

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available. Not expected to bioaccumulate.

Mobility in Soil: Soluble in water and expected to be mobile in soil.

Environmental Protection: Avoid contaminating waterways, drains and sewers. Nutrients lost to static surface water can stimulate weed and algal growth.

Hazard to the Ozone Layer: Not expected to deplete the ozone layer.

Other Adverse Effects: None known.

Section 13. DISPOSAL CONSIDERATIONS

Recycle the material and container where possible. If they cannot be recycled, dispose of in accordance with local, state and national regulations. Triple rinse empty containers before recycling or disposal. Use the protective equipment in Section 8 when handling waste.

Section 14. TRANSPORT INFORMATION

Road and Rail (ADG):	Not regulated. Not a Dangerous Good.
Sea (IMDG):	Not regulated. Not a Dangerous Good.
Air (IATA):	Not regulated. Not a Dangerous Good.
UN Number:	None allocated
Proper Shipping Name:	None allocated
Hazard Class / Packing Group:	None allocated
Hazchem Code:	None allocated
Marine Pollutant:	No

Section 15. REGULATORY INFORMATION

Classified as Hazardous according to the Work Health and Safety Regulations (GHS, 7th revised edition).

Poisons Schedule (SUSMP): No schedule allocated.

Australian Inventory: All components are listed on, or exempt from, the Australian Inventory of Industrial Chemicals (AIIC).

Not listed under the Montreal Protocol, Stockholm Convention or Rotterdam Convention.

Section 16. OTHER INFORMATION

Revision Summary:

Date	Version	Details
05/11/2026	1.0	First issue in the ProLawns Au format.

Abbreviations: ADG = Australian Dangerous Goods Code; AIIC = Australian Inventory of Industrial Chemicals; CAS = Chemical Abstracts Service; GHS = Globally Harmonised System of Classification and Labelling of Chemicals; IATA = International Air Transport Association; IMDG = International Maritime Dangerous Goods Code; LD50/LC50 = lethal dose/concentration for 50% of test animals; PPE = personal protective equipment; SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons; WHS = Work Health and Safety.

This SDS has been prepared in line with the Safe Work Australia Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals. It should be reviewed at least every five years, or sooner if new information becomes available.

NOTICE

The information in this Safety Data Sheet is given in good faith and is believed to be accurate at the date of issue. It is a guide only and is not intended to be all-inclusive. As the conditions of handling and use are beyond our control, ProLawns Au accepts no liability for any loss, injury or damage arising from the handling of, or contact with, this product. This information relates only to the product named on this sheet and may not be valid when the product is used in combination with any other material or in any process. Always read the product label before use.