

Section 1 - Identification of The Material and Supplier

LawnPride Australia Pty Ltd
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Chemical nature: Mixture
Trade Name: LAWNPRIDE KELP-ER
Product Use: Liquid fertiliser mixture
Creation Date: January 2021
This version issued: January 2021 and is valid for 5 years from this date.
Poisons Information Centre: Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is not classified as hazardous according to the criteria of SWA.
Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

UN Number: None allocated

GHS Signal word: NONE. Not hazardous.

PREVENTION

P280: Wear protective gloves/protective clothing/eye protection/face protection..

RESPONSE

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL

P501: If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

Emergency Overview

Physical Description & Colour: Black liquid

Odour: Mild seaweed odour.

Major Health Hazards: May cause respiratory tract, eye, and skin irritation.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %	TWA (mg/m ³)	STEL (mg/m ³)
Water		>60%		
Seaweed		30%		
Polymethylene urea	9011-05-6	0-10%		
Other non-hazardous ingredients	various	0-10%	not set	not set

The composition of this material is a trade secret. Contains no other components or impurities which will influence the classification with regard to human and environmental risk assessment.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: If aerosols are inhaled; remove from contaminated area. Other measures are generally unnecessary...

Skin Contact: Flush skin and hair with running water. Seek medical attention if irritation occurs.

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Prolonged or repeated contact may result in mechanical irritation.

Ingestion: If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

- Observe the patient carefully.

- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.

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- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice...

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: Non-Combustible. Decomposition products may produce the following toxic and/or corrosive fumes of nitrogen oxides and carbon monoxide.

Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

Extinguishing Media: There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

Fire Fighting: Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water courses. Use fire fighting procedures suitable for surrounding area.

Flash point: Does not burn.
Upper Flammability Limit: Does not burn.
Lower Flammability Limit: Does not burn.
Autoignition temperature: Not applicable - does not burn.
Flammability Class: Does not burn.

Section 6 - Accidental Release Measures

ACTION TO TAKE FOR SPILLS/LEAKS:

Minor spills

- Clean up spill immediately
- Wear personal protective equipment when cleaning up (see section 8).
- Clean up spill with sand or dirt or other inert material.
- For neutralising (if opted), do not use acid directly, use sand and acid.
- Sweep/shovel for disposal. Comply with procedures laid down by local, state and federal governments.

Major Spill

- Clear area of personnel
 - Contact Fire brigade or other hazard agency.
- Prevent entry of spills to sewer and public water. Notify authorities if liquid enters sewers or public water.

Section 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid skin and eye contact. Wash hands and other exposed area with mild soap and water before eating, drinking or smoking.

PRECAUTIONS TO BE TAKEN IN STORAGE: Store in a cool, dry, well ventilated place and out of direct sunlight. Do not store close to food or food cartons. Store away from incompatible materials described in Section 10. Keep containers closed when not in use. Check regularly for spills. Keep out of reach of children and pets

STORAGE TEMPERATURE (MIN/MAX): Above freezing

Section 8 - Exposure Controls and Personal Protection

Control Parameters: No value assigned for this specific material or the constituents by the National Occupational Health and Safety Commissions.

Appropriate Engineering Controls:

For 1000L IBC containers, ensure a contingency plan is in place in the event of malfunction of the tap.

Personal Protective Equipment

Eye and Face Protection

- Wear goggles or face shield and take all steps to avoid splashing.
- It not recommended that contact lenses be used as they may concentrate irritants.

Skin Protection

- Wear chemically resistant LONG gloves.
- Wear rubber boots.
- Wear Apron or Overalls.
- Do not wear clothes or shoes that reveal bare skin.

Respiratory protection

- Not required under normal conditions.

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Section 9 - Physical and Chemical Properties:

APPEARANCE: Black Liquid
ODOUR: Slight seaweed odour
FLASH POINT: Not applicable
pH: 11.5
MELTING POINT: Not applicable
SOLUBILITY IN H₂O: Completely Soluble
DENSITY: ~1.06 g/mL
VAPOR DENSITY: Same as water
EVAPORATION RATE: no data

Section 10 - Stability and Reactivity

Reactivity and Associated Hazards

- React with acidic chemicals to form non-dangerous salt precipitates.

Stability

- Stable under normal conditions of use.
- Hazardous polymerisation will not occur.

Conditions to avoid

See Section 7

Incompatible materials

Incompatible with:

- Acidic chemicals

Hazardous Decomposition Products

- nitrogen oxides
- carbon monoxide

Section 11 - Toxicological Information

ACUTE TOXICITY/IRRITATION STUDIES:

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:

This liquid is not considered harmful (as classified by EC Directives) because of a lack of evidence. This does not rule out the capability of harm from ingestion.

Eye Contact

While the components of this liquid are not considered an eye irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort.

Skin Contact:

While the components of this liquid are not considered a skin irritant (as classified by EC Directives), direct contact is not recommended as good hygiene practises should be used.

Inhalation

The components in this liquid are not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives) and the product is non-volatile.

Chronic

Chronic effects adverse to the health are not considered for the components in this liquid (as classified by EC Directives). Exposure by all routes should be minimised as a precaution.

Classification of Hazardous Ingredients

Ingredient	Risk Phrases
No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations. but is unlikely to cause anything more than mild transient discomfort.	

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

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Section 12 - Ecological Information

DO NOT CONTAMINATE WATERWAYS Ecotoxicity for product: No available data
The material is not expected to have any deleterious toxic effect.
Persistence and degradability: No specific data on this product
Bioaccumulative Potential: No specific data on this product
Mobility in Soil: No specific data on this product

Section 13 - Disposal Considerations

Disposal methods: • Reuse or recycle clean containers where possible. • Refer to local government authority for disposal recommendations. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

Section 14 - Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

AICS: This product is compliant with NICNAS regulations.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (Feb 2016)

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