

Rygel Grass-wett Surfactant

1. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Supplier: Rygel Australia Pty Ltd
ACN: 106 839 007
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Emergency telephone number: National Poisons Information Centre: Dial 13 11 26.

Product name: Rygel Grass-wett Surfactant
UN No.: None allocated
Product Use: A tank mix adjuvant to improve the performance of glyphosate products to control Ryegrass, Silvergrass and Perennial grasses.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS NO.	Proportion
ethoxylated octylphenol	9036-19-3	1,040 g/L

3. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to health criteria of NOHSC Australia.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

4. FIRST AID MEASURES

Ingestion: Rinse mouth with water. Give plenty of water or milk to drink and do not induce vomiting. Seek immediate medical assistance.
Eye contact: Immediately irrigate with copious quantities of water for at least 15 minutes. In all cases of eye contamination it is advisable to seek immediate medical assistance.
Skin contact: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation persists seek medical advice.
Inhalation: Remove victim from exposure. Seek medical assistance if symptoms persist.
Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use water fog, dry chemical, foam, carbon dioxide, BFC.

Hazards from combustion products

Combustible liquid. Product of combustion may include carbon dioxide, carbon monoxide, smoke and fumes.

Precautions for Firefighters and Special Protective Equipment

Firefighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Wash area down thoroughly with water or cover with absorbent (soil, sand, vermiculite).

Collect and seal in properly labeled drums for disposal. Wash area down effected area with excess water. Spills are slippery.

If contamination of sewers or waterways has occurred advise the local emergency services.

MATERIAL SAFETY DATA SHEET

7. HANDLING AND STORAGE

Store in closed original container in a well-ventilated place, as cool as possible. Do not store for prolonged periods in direct sunlight. Triple rinse containers before disposal and add rinsings to tank.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

Engineering Controls: Use good occupational work practice with adequate ventilation.

Personal protection equipment: Wear ear overalls, goggles and impervious gloves.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour:	clear liquid
Solubility:	disperses in water
Specific Gravity (15°C):	1.04 approx.
Flashpoint	>100°C
pH (1% aq)	6 – 8

10. STABILITY AND REACTIVITY

Stability: Avoid strong oxidising agents

11. TOXICOLOGICAL INFORMATION

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

Acute Effects

Ingestion: All ingredients have low acute toxicity. Ingestion may cause nausea and vomiting.

Eye contact: An eye irritant.

Skin contact: Will degrease skin and may lead to mild irritation on repeated or prolonged exposure.

Inhalation: Prolonged inhalation of mists may produce respiratory irritation and headaches at high exposure.

Long Term Effects: No information available for product.

Acute toxicity:

No LD50 data available for product. Based on knowledge of related constituents:

Acute oral LD50 (rat) > 1,800 mg/kg

Acute Dermal LD50 (mouse) > 3,000 mg/kg

12. ECOLOGICAL INFORMATION

Generally regarded as hard when tested for biodegradability in accordance with AS1792- 1976. Do not contaminate streams, rivers or waterways with the chemical or used container.

13. DISPOSAL CONSIDERATIONS

Triple or, preferably, pressure rinse containers before disposal. If recycling, replace cap and return containers to recycler or designated collection point. If not recycling, break, crush, puncture and bury empty containers in local authority landfill. If not available bury the containers below 500 mm in a disposal pit specifically marked and setup for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor.

MATERIAL SAFETY DATA SHEET

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

15. REGULATORY INFORMATION

Based on available information, not classified as hazardous according to health criteria of NOHSC Australia.

Poisons Schedule (Aust)/Toxic Substance (NZ): None Allocated.

16. OTHER INFORMATION

All information contained in this document is as accurate as possible based on information submitted by raw material suppliers. **Rygel Australia Pty Ltd** will not be responsible for any damages that may result from reliance on the information contained herein.

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National Poisons Information Centre: Dial 13 11 26 (from anywhere in Australia).