



MATERIAL SAFETY DATA SHEET

Rygel No-Foam

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Supplier: Profeng Australia Pty Ltd
A.C.N.: 156 055 533
Street Address: 103 Ordish Road, Dandenong South, Vic 3175
Telephone: (03) 9768 2803
Facsimile: (03) 9768 2804
Email: info@profeng.com.au

Emergency telephone number: National Poisons Information Centre:
Phone Australia 13 11 26.

Product name: Rygel No-Foam
Product Use: No-Foam is a special purpose foam suppressant for use in agricultural chemicals sprayers and also for use in dip tanks.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS NO.	Proportion
polydimethylsiloxane compound	134180-76-0	

3. HAZARDS IDENTIFICATION

Based on available information, classified as hazardous according to health criteria of NOHSC Australia.

Risk Phrases

Classified as hazardous

R36 Irritating to eyes

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Safety phrases

S13 Keep away from food, drink and animal feeding stuffs

S2 Keep out of reach of children

S25 Avoid contact with eyes

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

S46 If swallowed, seek medical advice immediately and show this container or label



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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: Give plenty of water or milk to drink and do not induce vomiting. Seek 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 labelled 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.

7. HANDLING AND STORAGE

Precautions for Safe Storage: Store in closed original container in a cool, dry place and out of direct sunlight. Store away from sources of heat or ignition.

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).



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Engineering Controls: Use good occupational work practice with good natural or mechanically aided ventilation.

Personal protection equipment: Wear overalls, goggles and impervious gloves (nitrile or neoprene rubber). Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour:	yellow liquid, polyether odour
Solubility:	soluble in water
Specific Gravity (15°C):	1.02 approx.
Flashpoint	>61°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: May be slightly toxic. Ingestion may cause nausea, vomiting and diarrhoea.

Eye contact: Causes severe irritation and swelling of the conjunctiva and cornea burns.

Skin contact: May lead to irritation and defatting on repeated or prolonged exposure.

Inhalation: May be slightly toxic. May produce respiratory irritation.

Long Term Effects: No information available for product.

Acute toxicity / Chronic toxicity

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

Acute oral LD₅₀ (rat) >3,200 mg/kg

Acute Dermal (rat) >1,500 mg/kg

Acute inhalation LD50 (rat, 4 hr) 1.08 mg/L

12. ECOLOGICAL INFORMATION

Environmental Fate:

Breakdown in Soil: Glyphosate is strongly adsorbed by soil and therefore becomes practically immobile. Microbial activity is the major cause of soil degradation with liberation of carbon dioxide. Half-life is typically 47 days.

Breakdown in Water: Glyphosate is strongly adsorbed to suspended organic and



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mineral matter and is broken down primarily by micro-organisms. The half-life in pond water ranges from 12 days to 10 weeks.

Other Precautions Do not spray in high winds. Do not contaminate dams, waterways or sewers with this product.

Environ. Protection Glyphosate is a non-selective contact herbicide. Spray drift can cause damage.

Acute Toxicity - Fish Not toxic to fish.

LC50 (96 hr) for rainbow trout is >989 mg/L

LC50 (96 hr) for carp is >895 mg/L

The above data is for the formulated product.

Acute Toxicity – Other Organisms

Birds: Not toxic to birds. LD₅₀ for mallard ducks and bobwhite quail (diet) is >5620 mg/kg

Bees: Not toxic to bees. LD₅₀ >100 µg/bee.

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.

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.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

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15-OCT-2016



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Packaging & Labeling	KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Hazard Category	Harmful, Irritant
AICS (Australia)	All of the components in this product are listed on the Australian Inventory of Chemical Substances

16. OTHER INFORMATION

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