

Rygel Cropwett 600 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 1126.

Substance: nonyl phenol ethylene oxide condensate
Product name: Rygel Cropwett 600 Surfactant
Product Use: A tank mix adjuvant to improve wetting and spreading of pesticides.
Creation Date: 19 November 2004

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS NO.	Proportion (% weight/weight)
nonoxynol-8	9016-45-9 30	60%
butyl diglycol	112-34-5 10	10%

3. HAZARDS IDENTIFICATION

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

Risk Phrases

R41 Risk of serious eye damage
R22 Harmful if swallowed

Safety phrases

S2 Keep out of reach of children
S25 Avoid contact with eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

Not combustible however after evaporation of aqueous component residual material may burn.

Suitable extinguishing media: Use water fog, dry chemical, foam, carbon dioxide, BFC.

MATERIAL SAFETY DATA SHEET

Hazards from combustion products: Combustible liquid. Product of combustion may include carbon dioxide, carbon monoxide, smoke and fumes.

Precautions for Fire-fighters and Special Protective Equipment

Fire-fighters 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

Store in closed original container in a well-ventilated place, as cool as possible. 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 practise with adequate ventilation.

Personal protection equipment: Wear 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:	dispersible in water
Specific Gravity (15°C):	1.02 approx.
Flashpoint	>110°C
pH (1% aq)	6 – 8

10. STABILITY AND REACTIVITY

Stability: Stable under anticipated conditions of storage and handling. 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, vomiting and dizziness.

Eye contact: A moderate 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 / Chronic toxicity

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

Acute oral LD ₅₀ (rat)	> 5,000 mg/kg
Acute Dermal (mouse)	> 5,000 mg/kg

MATERIAL SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

Aquatic toxicity for nonoxynol-8 LC50 (48 h, killifish) 11.6 mg/L. Harmful to fish. Not readily biodegradable, contamination of dams, rivers and waterways with the chemical or used containers should be avoided. Do not contaminate streams, rivers or waterways with the chemical 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.

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

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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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