

Rygel Dasher Spray Adjuvant

1. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Supplier: Rygel Australia Pty Ltd
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Emergency telephone number: National Poisons Information Centre: Phone Australia 13 11 26.

Product Name: Rygel Dasher Spray Adjuvant
Product Use: An esterified oil based product with non-ionic surfactants to assist the effectiveness of herbicides and other agricultural chemicals.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity Proportion:	Proportion
ethyl & methyl esters of vegetable oil	70 – 80%
non-ionic surfactants	10 – 20%

This is a commercial product whose exact ratio of components may vary. Trace quantities of impurities are also likely.

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: 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 flammable.
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.

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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.

Environmental Precautions

Prevent from entering drains, waterways or sewers.

7. HANDLING AND STORAGE

Precautions for Safe Storage

Keep out of reach of children. Store in closed original container in a well ventilated place, as cool as possible. Triple rinse containers before disposal and add rinsings to tank.

Under conditions below 0oC the product may thicken and become cloudy. It returns to normal clear liquid state above 0oC.

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).

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 straw coloured liquid
Solubility:	disperses in water to form an emulsion
Specific Gravity (15 C):	0.9 approx.
Flashpoint:	>150°C
pH (1% aq):	6 - 8

10. STABILITY AND REACTIVITY

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:	Considered mildly toxic
Eye contact:	A mild eye irritant
Skin contact:	May lead to mild irritation on repeated or prolonged exposure
Inhalation:	May produce some dizziness and nausea at high concentrations
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) > 5,000 mg/kg

12. ECOLOGICAL INFORMATION

Readily biodegradable. 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

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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

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.

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. **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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