



# MATERIAL SAFETY DATA SHEET

## RYGEL LIQUID BOOST HERBICIDE ADJUVANT

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Supplier:** Profeng Australia Pty Ltd  
**ACN:** 156 055 533  
**Street Address:** 103 Ordish Road, Dandenong South, Vic 3175  
**Telephone:** (03) 9768 2803  
**Facsimile:** (03) 9768 2804

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

**Product Name:** Rygel Liquid Boost Herbicide Adjuvant  
**Product Use:** A tank mix additive to enhance the effectiveness of some herbicides and to improve the compatibility of certain mixtures.

### 2. HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of Safe Work Australia. Not classified as a Dangerous Good according to the ADG Code

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS NO.	Proportion
ammonium sulfate	7783-20-2	417 g/L
water	7732-18-5	60%

### 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.



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**Inhalation:** Remove victim from exposure. Seek medical assistance if symptoms persist.  
**Notes to physician:** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

Non-flammable.

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

**Hazards from combustion products:** Decomposes on heating emitting fumes of ammonia and nitrogen oxides.

#### **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.

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 well ventilated place, as cool as possible. Do not store for extended 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 or its ingredient by Work Safe Australia.

#### **Engineering Controls**

Use good occupational work practice with adequate ventilation. Relevant regulations on speed and direction of airflow away from the operator must be observed. Where sufficient ventilation is not available, approved respiratory protection must be worn.

#### **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:** liquid - clear to opaque pale green liquid - nil odour

**Specific Gravity (20°C):** 1.19 approx.



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**Flashpoint:** N/A  
**Boiling Point (°C):** 60% (water)

### 10. STABILITY AND REACTIVITY

Hazardous polymerisation not expected. Addition of strong alkali such as caustic soda will result in release of ammonia vapour which is irritating to eyes and lungs.

### 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 harmful if swallowed. Short term exposure by ingestion may cause gastro-intestinal irritation and nausea.

Eye contact: Moderate - severe irritant, risk of serious damage to eyes.

Skin contact: Moderate - severe irritant, can cause burns in concentrated form.

Inhalation: Inhalation of mists may result in headaches, dizziness and possible nausea and irritation to the upper respiratory tract.

#### Long Term Effects:

No information available for product.

#### Acute toxicity / Chronic toxicity

Acute oral LD50 (rat) > 3,000 mg/kg

### 12. ECOLOGICAL INFORMATION

Prevent discharge to natural waterways. Ensure adequate dilution to sewer.

### 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.



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### 15. REGULATORY INFORMATION

Under the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP), this product is not a scheduled poison.

### 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.