



# MATERIAL SAFETY DATA SHEET

## Rygel ProBuffer 700 Surfactant

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

**Supplier:** Profeng Australia Pty Ltdn  
**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 Probuffer 700 Surfactant  
**Product Use:** A tank mix additive for pesticide sprays to prevent active hydrolysis by acidifying alkaline water and to assist the penetration of certain herbicides.

### 2. HAZARDS IDENTIFICATION

#### Statement of Hazardous Nature

This product is classified as: Xi, Irritating. Hazardous according to the criteria of SWA. Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code. However, this is a C1 Combustible Liquid so must be stored and handled as specified in AS 1940 "The storage and handling of flammable and combustible liquids."

**Risk Phrases:** R36/38. Irritating to eyes and skin.

**Safety Phrases:** S23, S26, S28, S36, S24/25. Do not breathe vapours or mists. In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing. Avoid contact with skin and eyes.

**SUSMP Classification:** S5

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

**UN Number:** None allocated

Pictogram:

**Signal word** Warning**Hazard statement(s)**

H315 Causes skin irritation

H320 Causes eye irritation

**Precautionary statement(s)**

P264 Wash contacted areas thoroughly after handling

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents and containers to landfill.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Entity	CAS NO.	Proportion
soyal phospholipids		350 g/L
propionic acid	79-09-4	350 g/L
proprietary surfactants		10%
water	7732-18-5	19%

**4. FIRST AID MEASURES****Ingestion:** Wash out mouth immediately. Give plenty of water or milk of magnesia 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.



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**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 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

<b>Form / Colour / Odour:</b>	brown coloured liquid
<b>Solubility:</b>	dispersible in water
<b>Specific Gravity (15°C):</b>	1.02 approx.
<b>Flashpoint:</b>	>50°C
<b>pH (1% aq):</b>	3-4

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under anticipated conditions of storage and handling. Avoid strong alkali agents.



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### 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 LD<sub>50</sub> data available for product. Based on knowledge of related constituents:

Acute Oral LD <sub>50</sub> (rat)	>2,000 mg/kg
Acute Dermal (mouse)	>2,000 mg/kg

### 12. ECOLOGICAL INFORMATION

#### Additional information:

Rapidly biodegradable >70% DOC

Aquatic toxicity (Leuciscus idus) >1,500 mg/L/ 48 hr

Moderately toxic to aquatic life. 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

**U.N. Number** None Allocated



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**DG Class** None Allocated

Classified as hazardous according to criteria of NOHSC

**Hazchem Code** None Allocated

**Packing Group** None Allocated

**Storage and Transport** Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

### 15. REGULATORY INFORMATION

**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.