



# MATERIAL SAFETY DATA SHEET

## Rygel Infuse Spray Adjuvant

### 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 Infuse Spray Adjuvant  
**Product Use:** An adjuvated Spraying Oil to Improve the Spreading and Wetting of Herbicides, Insecticides and Defoliant on Plant Surfaces.

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS NO.	Proportion
Paraffinic oil	8042-47-5	66%
Other ingredients	-	34%

### 3. HAZARDS IDENTIFICATION

HSNO Hazard Classification: 6.1D, 6.3A, 6.4A, 9.1B

**Hazards:**

Harmful if swallowed.  
Causes skin and eye irritation.  
Toxic to aquatic life with long lasting effects.

**Prevention:**

Keep out of reach of children  
Read label before use  
Wear Protective gloves and eye/face protection  
Wash hands and face thoroughly after handling  
Avoid release to the environment

**Response:**

If medical advise is needed, have product container or label at hand



IF SWALLOWED: Call a POISON CENTER or doctor/physician. Rinse mouth.  
IF ON SKIN: Wash with plenty of soap and water  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before re-use  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### **4. FIRST AID MEASURES**

##### **Description of first aid measures**

**Inhalation:** Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc). Call a poison control center or doctor for treatment advice.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Eye Contact:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**Ingestion:** No emergency medical treatment necessary.

##### **Most important symptoms and effects, both acute and delayed**

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), no additional symptoms and effects are anticipated.

##### **Indication of immediate medical attention and special treatment needed**

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment.

#### **5. FIRE-FIGHTING MEASURES**

##### **Suitable extinguishing media**

Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

##### **Special hazards arising from the substance or mixture**

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.



**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:** Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

**Environmental precautions:** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

**Methods and materials for containment and cleaning up:** Contain spilled material if possible. Small spills: Absorb with materials such as: Clay. Dirt. Sand. Sweep up. Collect in suitable and properly labeled containers. Large spills: Contact Dow AgroSciences for clean-up assistance.

See Section 13, Disposal Considerations, for additional information.

**7. HANDLING AND STORAGE**

**Handling**

General Handling: Keep out of reach of children. Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Wash thoroughly after handling. Use with adequate ventilation. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

**Storage**

Store in a dry place. Store in original container. Keep container tightly closed when not in use. Do not store near food, foodstuffs, drugs or potable water supplies.

**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>	Yellow Aromatic Liquid
<b>pH</b>	7.2 (@ 10 %) CIPAC MT 75.2 No test data available
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	No test data available
<b>Boiling Point (760 mmHg)</b>	> 180 °C Literature
<b>Vapor Pressure</b>	No test data available



**Vapor Density (air = 1)** No test data available

## 10. STABILITY AND REACTIVITY

### Reactivity

No dangerous reaction known under conditions of normal use.

### Chemical stability

Thermally stable at typical use temperatures.

### Possibility of hazardous reactions

Polymerization will not occur.

**Conditions to Avoid:** Exposure to elevated temperatures can cause product to decompose. Generation of gas during decomposition can cause pressure in closed systems.

**Incompatible Materials:** Avoid contact with: Strong oxidizers.

### Hazardous decomposition products

Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Carbon monoxide. Carbon dioxide. Toxic gases are released during decomposition.

## 11. TOXICOLOGICAL INFORMATION

### Ingestion

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. Single dose oral LD50 has not been determined. Estimated. LD50, rat > 5,000 mg/kg

### Dermal

Prolonged skin contact is unlikely to result in absorption of harmful amounts. The dermal LD50 has not been determined. Estimated. LD50, rabbit > 2,000 mg/kg

### Inhalation

No adverse effects are anticipated from single exposure to mist. The LC50 has not been determined. Estimated. LC50, 4 h, Aerosol, rat > 5 mg/l

### Eye damage/eye irritation

May cause eye irritation.

### Skin corrosion/irritation

Brief contact is essentially nonirritating to skin.

## 12. ECOLOGICAL INFORMATION

### Toxicity

Data for Component: Paraffinic Mineral Oil: Not expected to be acutely toxic to aquatic organisms.

### Persistence and Degradability

Data for Component: Paraffinic Mineral Oil: No relevant information found.



**Bioaccumulative potential**

Data for Component: Paraffinic Mineral Oil: No relevant information found

**Mobility in soil**

Data for Component: Paraffinic Mineral Oil: No relevant information found

**Results of PBT and vPvB assessment**

Data for Component: Paraffinic Mineral Oil: This substance has not been assessed for persistence, bioaccumulation and toxicity (PBT).

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

Waste handling, treatment and disposal practices must be in compliance with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Additional local requirements may be applicable in accordance with planning controls under the Resource Management Act. Regulations concerning waste management may vary in different locations.

**14. TRANSPORT INFORMATION**

**U.N. Number 3082**

**DG Class 9**

**Packing Group III**

**15. REGULATORY INFORMATION**

**Risk Phrase**

R41 Risk of serious damage to eyes.

**Safety Phrase**

S1/2 Keep locked up and out of reach of children.  
S13 Keep away from food, drink and animal feeding stuffs.  
S25 Avoid contact with eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



## Profeng Australia Pty Ltd

Address: 103 Ordish Road Dandenong South Victoria 3175

Phone: +61 3 9768 2803

Fax: +61 3 9768 2804

Email: [info@profeng.com.au](mailto:info@profeng.com.au)

[www.profeng.com.au](http://www.profeng.com.au)

A.C.N.: 156 055 533

A.B.N.: 37 178 790 573

- S37                      Wear suitable gloves.  
S39                      Wear eye/face protection.  
S45                      In case of accident or if you feel unwell seek medical advice immediately

### Packaging & Labelling

CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

### 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.