

# PROVIR RTU

## Section 1. Identification

**Product identifier:** Provir RTU **Product Code:** PROVIR6X750  
**Other means of identification:** N/A  
**Recommended use and restrictions on use:** Disinfectant. Use in accordance with directions on product label.  
**Supplier:** True Blue Chemicals  
**Street Address:** 2/1 Endeavour Road **Postal Address:** PO Box 334  
 Caringbah NSW 2229 Caringbah NSW 1495  
**Phone No:** 1800 635 746  
**Internet:** www.truebluechemicals.com.au

**Emergency Phone No - 13 11 26 - Poisons Information Centre**

## Section 2. Hazards Identification

Classified as hazardous according to the criteria of Safe Work Australia (SWA).

Not classified as dangerous goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

### GHS Classification

Serious Eye Damage/Irritation - Category 2A  
 Skin corrosion/irritation - Category 2

### Signal Word

WARNING

### Hazard Statements

Causes serious eye irritation  
 Causes skin irritation

### Precautionary Statements

Wear protective gloves and eye/face protection.  
 Wash hands thoroughly after handling.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical advice.  
 IF ON SKIN: Wash with plenty of soap and water.  
 If skin irritation occurs: Get medical advice.  
 Take off contaminated clothing and wash before reuse.

### Pictograms



## Section 3. Composition and Information on Ingredients

| Chemical Name                                                                   | CAS Number  | Percentage (%) |
|---------------------------------------------------------------------------------|-------------|----------------|
| Quaternary ammonium compound                                                    | proprietary | 1 - 10         |
| Other ingredients determined not to be hazardous or below concentration cut-off |             | to 100         |

## Section 4. First Aid Measures

**Swallowed:** Flush mouth with water. Do NOT induce vomiting. If symptoms develop seek medical advice.  
**Eye Contact:** Immediately rinse with plenty of water for at least 15 minutes holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Call POISONS INFORMATION CENTRE (13 11 26 Australia only) for advice.  
**Skin Contact:** Wash skin with plenty of water. If irritation develops, seek medical advice.  
**Inhalation:** Move victim to fresh air. If symptoms develop, seek medical advice.

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**Symptoms caused by exposure:** Skin dryness. May experience gastro-intestinal irritation if swallowed in large amounts.

**Medical attention and special treatment:** No specific treatment. Treat symptomatically.

### Section 5. Fire Fighting Measures

**Suitable extinguishing equipment:**

Dry chemical, CO<sub>2</sub>, chemical foam or water spray. Consider suitable extinguishing media for surrounding fire.

**Specific hazards arising from the chemical:**

Carbon dioxide, carbon monoxide & other toxic gases may be produced in the case of fire.

**Special protective equipment and precautions for fire fighters:**

Firefighters should wear full protective clothing including self-contained breathing apparatus & chemical splash suit. Remove from the vicinity containers not involved in the fire.

### Section 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Clean up spill promptly to avoid accidents. Wear protective equipment (see Section 8) to prevent skin & eye contamination. Stop leak if safe to do so. Ensure adequate ventilation.

**Environmental precautions:**

Ensure no spillage enters drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or local Council.

**Methods and materials for containment and cleaning up:**

Cover with damp absorbent material (inert material, sand or soil). Sweep up, but avoid generating dust. Collect & seal in properly labeled drums for disposal in accordance with regulations indicated in Section 13 - Disposal Considerations.

### Section 7. Handling and Storage

**Precautions for safe handling:**

Observe good personal hygiene practices and recommended procedures. Wash hands thoroughly after handling. Avoid contact with eyes, skin and clothing.

**Conditions for safe storage, including incompatibilities**

Store in a cool, dry, well-ventilated place & out of direct sunlight. Keep containers closed at all times - check regularly for spills. Store locked up.

### Section 8. Exposure Controls and Personal Protection

**National Exposure Standards:** An occupational exposure standard (OEL) has not been established for the product. The following components have been listed with an OEL as per Safe Work Australia - Workplace Exposure Standards for Airborne Contaminants.

| Ingredient Name | CAS No  | TWA (ppm) | TWA (mg/m <sup>3</sup> ) | STEL (ppm) | STEL (mg/m <sup>3</sup> ) |
|-----------------|---------|-----------|--------------------------|------------|---------------------------|
| Ethyl alcohol   | 64-17-5 | 1000      | 1880                     | -          | -                         |

**Engineering Controls:**

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

**Individual Protection Measures:**

**Eye and face protection** Safety glasses should be worn to prevent eye contact.

**Skin protection** Wear protective gloves to prevent skin contact.

**Respiratory protection** Not normally needed. If significant mists or vapour are generated, or ventilation is inadequate, use an appropriate respirator in accordance with AS/NZS 1715 and AS/NZS 1716.

**Thermal hazards** Refer to Section 5.

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### Section 9. Physical and Chemical Properties

|                                                   |               |                                                          |               |
|---------------------------------------------------|---------------|----------------------------------------------------------|---------------|
| <b>Appearance:</b>                                | Liquid        | <b>Colour:</b>                                           | Yellow        |
| <b>Odour:</b>                                     | Citrus        | <b>Boiling Point(°C):</b>                                | Not available |
| <b>Vapour Pressure:</b>                           | Not available | <b>Specific Gravity:</b>                                 | 0.99 - 1.01   |
| <b>Flashpoint (°C):</b>                           | Not available | <b>Flammability:</b>                                     | Not flammable |
| <b>Water Solubility:</b>                          | Complete      | <b>pH:</b>                                               | 6.0- 8.0      |
| <b>Auto-ignition Temperature:</b>                 | Not available | <b>Viscosity:</b>                                        | Not available |
| <b>Relative Density:</b>                          | Not available | <b>Evaporation Rate:</b>                                 | Not available |
| <b>Vapour Pressure</b>                            | Not available | <b>Melting Point/Freezing Point</b>                      | Not available |
| <b>Partition Coefficient:<br/>n-octanol/water</b> | Not available | <b>Upper/Lower Flammability or<br/>Explosive Limits:</b> | Not available |

### Section 10. Stability and Reactivity

|                                            |                                                                                     |
|--------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                         | Not reactive.                                                                       |
| <b>Chemical Stability:</b>                 | Stable under normal ambient storage conditions.                                     |
| <b>Possibility of Hazardous Reactions:</b> | Hazardous polymerisation will not occur.                                            |
| <b>Conditions to Avoid:</b>                | Avoid high temperatures (store below 30°C). Protect against physical damage.        |
| <b>Incompatible Materials:</b>             | Do not mix with other chemicals. Store away from strong acids and strong oxidisers. |
| <b>Hazardous Decomposition Products:</b>   | Oxides of ammonia, oxides of carbon, hydrogen gas.                                  |

### Section 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 and over exposure occurs are:

#### Information on Route of Exposure

##### Acute Toxicity:

|               |                   |
|---------------|-------------------|
| Ingestion:    | No effects known. |
| Eye Contact:  | No effects known. |
| Skin Contact: | No effects known. |
| Inhalation:   | No effects known. |

**Skin Corrosion/Irritation:** Irritating to skin

**Serious Eye Damage/Irritation:** Irritating to eyes

**Respiratory or Skin Sensitisation:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (STOT) - Single Exposure:** Not classified

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:** Not classified

**Aspiration Hazard:** Not classified

**Immediate, Delayed and Chronic Health Effects From Exposure:** Skin dryness, may experience gastrointestinal irritation if swallowed in large quantities.

**Other Information:** None known.

## PROVIR RTU

### Section 12. Ecological Information

|                               |                                                                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity:                  | No product data available.                                                                                                      |
| Persistence and Degradability | Not readily biodegradable.                                                                                                      |
| Bioaccumulative Potential     | Low bioaccumulation potential.                                                                                                  |
| Mobility in Soil              | Low sorption to soil / sediment, moderate migration to ground water (Estimated Log $K_{oc}$ value (EpiSuite 4.1 KOCWIN): <1.5). |
| Other Adverse Effects         | None known                                                                                                                      |

### Section 13. Disposal Considerations

|                  |                                                                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disposal Methods | Refer to State/Territory Land Waste Management Authority for specific disposal instructions. Dispose of material through a licensed waste third party, in accordance with local regulations. |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Section 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.

|                                              |                |
|----------------------------------------------|----------------|
| UN Number                                    | Not applicable |
| Proper Shipping Name or Technical Name       | Not applicable |
| Transport Hazard Class                       | Not applicable |
| Packing Group                                | Not applicable |
| Environmental hazards for Transport purposes | Not applicable |
| Special User Precautions                     | Not applicable |
| Additional Information                       | Not Applicable |
| Hazchem or Emergency Action Code             | Not applicable |

### Section 15. Regulatory Information

|                          |                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------|
| NICNAS                   | All substances are listed on the Australian Inventory of Chemical Substances (AICS). |
| Poisons Schedule (SUSMP) | -                                                                                    |

### Section 16. Other Information

This information is provided to the best of our knowledge and belief, accurate as of the last revision date. It is provided in good faith and relates to the specific materials designated. True Blue Chemicals assumes no liability or responsibility for loss or damage resulting from improper use or handling of our products from incompatible product combinations or from failure to follow usage directions. This document remains the property of True Blue Chemicals Pty Ltd. Alterations are not permitted without prior written authorisation from True Blue Chemicals Pty Ltd.

#### Glossary:

**Peak limitation** means a maximum or peak airborne concentration of a substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes.

#### Log Koc Adsorption Classifications

- > 4.5 Very strong sorption to soil / sediment, negligible migration to ground water
- 3.5 - 4.4 Strong sorption to soil / sediment, negligible to slow migration to ground water
- 2.5 - 3.4 Moderate sorption to soil / sediment, slow migration to ground water
- 1.5 - 2.4 Low sorption to soil / sediment, moderate migration to ground water
- < 1.5 Negligible sorption to soil / sediment, rapid migration to ground water

#### References

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice - Safe Work Australia
2. Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG)
3. Workplace Exposure Standards for Airborne Contaminants - Safe Work Australia

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4. Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
5. Hazardous Chemicals Information System (HCIS) - Safe Work Australia
6. Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
7. European Chemicals Agency (<http://echa.europa.eu/>)
8. Ansell Chemical Resistance Guide - Permeation & Degradation data

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