

PROVIR

Section 1. Identification

Product identifier: Provir **Product Code:** PROVIR
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
Phone No: 1800 635 746 **Fax No:** 02 9540 1983
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).

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 1B

Skin Corrosion/Irritation - Category 1

Acute Toxicity - Oral - Category 4

Acute Toxicity - Inhalation - Category 4

Signal Word

DANGER

Hazard Statements

Causes severe skin burns and eye damage

Harmful if swallowed

Harmful if inhaled

Pictograms



Precautionary Statements

Do not breathe mists.

Use only outdoors or in well-ventilated area.

Wash hands thoroughly after handling.

Do not eat, drink or smoke while using this product.

Wear protective gloves, protective clothing, and eye/face protection.

IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. Rinse mouth.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.

Immediately call the POISONS INFORMATION CENTRE (13 11 26 Australia only).

Store locked up.

Dispose of contents in accordance with State Legislations.

Section 3. Composition and Information on Ingredients

Chemical Name	CAS Number	Percentage (%)
Quaternary ammonium compound	proprietary	10 - 30
Other ingredients determined not to be hazardous or below concentration cut-off		to 100

PROVIR

Section 4. First Aid Measures

- Swallowed:** Rinse mouth. DO NOT induce vomiting. Give water or milk to drink. Immediately call the POISONS INFORMATION CENTRE (13 11 26 Australia only).
- 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.
- 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, CO₂, 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 ³)	STEL (ppm)	STEL (mg/m ³)
Ethyl alcohol	64-17-5	1000	1880	-	-

Engineering Controls:

PROVIR

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.

Section 9. Physical and Chemical Properties

Appearance:	Liquid	Colour:	Yellow
Odour:	Citrus	Boiling Point(°C):	Not available
Vapour Pressure:	Not available	Specific Gravity:	0.98 - 1.00
Flashpoint (°C):	Not available	Flammability:	Not flammable
Water Solubility:	Complete	pH:	6.0- 8.0
Auto-ignition Temperature:	Not available	Viscosity:	Not available
Relative Density:	Not available	Evaporation Rate:	Not available
Vapour Pressure	Not available	Melting Point/Freezing Point	Not available
Partition Coefficient: n-octanol/water	Not available	Upper/Lower Flammability or Explosive Limits:	Not available

Section 10. Stability and Reactivity

Reactivity:	Not reactive.
Chemical Stability:	Stable under normal ambient storage conditions.
Possibility of Hazardous Reactions:	Hazardous polymerisation will not occur.
Conditions to Avoid:	Avoid high temperatures (store below 30°C). Protect against physical damage.
Incompatible Materials:	Do not mix with other chemicals. Store away from strong acids and strong oxidisers.
Hazardous Decomposition Products:	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: Harmful if swallowed

Eye Contact: No effects known.

Skin Contact: No effects known.

Inhalation: Harmful if inhaled

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

PROVIR

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.

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.
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Section 14. Transport Information

Classified as Dangerous Goods according to the criteria of the Australian Dangerous Goods Code for transport by Road and Rail.

UN Number	1760
Proper Shipping Name or Technical Name	CORROSIVE LIQUID, N.O.S (Contains Benzalkonium Chloride)
Transport Hazard Class	8
Packing Group	III
Environmental hazards for Transport purposes	None
Special User Precautions	None
Additional Information	None
Hazchem or Emergency Action Code	2X

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

PROVIR

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
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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Date of Issue: 4/09/2020

Reason for revision: GHS First Version