



# SAFETY DATA SHEET

## SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

|                                    |                |
|------------------------------------|----------------|
| <b>Product Identifier</b>          | <b>RECANOL</b> |
| <b>Other Names</b>                 | None           |
| <b>Manufacturer's Product Code</b> | 16212          |
| <b>Recommended Use</b>             | None specified |

### Details of Supplier/Manufacturer

|          |   |
|----------|---|
| Company: | Recochem Inc. ABN: 69 010 485 999         |
| Address: | 1809 Lytton Road, Lytton, Queensland 4178 |
| Phone:   | (07) 3308 5200 Fax: (07) 3308 5201        |
| Website: | www.recochem.com.au                       |

### Emergency Telephone Numbers

|                      |   |
|----------------------|---|
| Business Hours:      | (07) 3308 5200                                |
| After Hours:         | 1300 131 001                                  |
| Poisons Information: | Australia: 13 11 26 New Zealand: 0800 764 766 |

## SECTION 2 HAZARDS IDENTIFICATION

|                               |   |
|-------------------------------|---|
| <b>Non-hazardous chemical</b> | <i>according to classification by Safe Work Australia</i>                                     |
| <b>Non-dangerous goods</b>    | <i>according to the Australian Code for the Transport of Dangerous Goods by Road and Rail</i> |

### Precautionary statements:

| GENERAL |  |
|---------|--|
| P101    | If medical advice is needed, have product container or label at hand |
| P102    | Keep out of reach of children  |
| P103    | Read label before use  |

## SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

### Ingredients Names and Proportions

| Chemical Entity                                 | CAS Number | Proportion (%) |
|---|------------|----------------|
| 2,2,4-Trimethyl-1,3-Pentanediol-Monoisobutyrate | 25265-77-4 | <= 100         |

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**SECTION 4 FIRST AID MEASURES**

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**Description of necessary first aid measures**

|               |  |
|---------------|--|
| Inhalation:   | Remove victim from exposure if safe to do so. Seek medical attention for any breathing difficulty  |
| Skin Contact: | If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention |
| Eye Contact:  | If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical attention   |
| Ingestion:    | If swallowed, do NOT induce vomiting. Administer water. Transport to nearest medical facility for additional treatment                               |

**Symptoms caused by exposure**

|             |   |
|-------------|---|
| Inhalation: | May cause mild irritation to respiratory system         |
| Skin:       | May cause mild irritation – redness, itchiness          |
| Eye:        | May cause mild irritation - redness, burning            |
| Ingestion:  | May cause mild irritation of the gastrointestinal tract |

**Medical attention and special treatment**

Treat symptomatically.

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**SECTION 5 FIRE FIGHTING MEASURES**

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**Suitable extinguishing equipment**

Foam, water spray or fog, dry chemical powder, carbon dioxide. Do not use water in a jet.

**Specific hazards arising from the chemical**

May emit toxic fumes under fire conditions.

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

Wear full protective clothing and self-contained breathing apparatus.

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Ventilate area.

**Environmental precautions**

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterways using sand, earth or other appropriate barriers.

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

For spills, use appropriate instruments to put the spilled material in a waste disposal container. Dispose of safely in accordance with regional regulations.

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**SECTION 7 HANDLING AND STORAGE**

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**Precautions for safe handling**

Store in a cool, dry, ventilated area. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

**Conditions for safe storage, including any incompatibilities**

Do not store near strong oxidising agents.

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**SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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**Exposure control measures**

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia -  
No exposure standard documented.

**Biological monitoring**

No biological limit allocated.

**Engineering controls**

Ensure that adequate ventilation is provided. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

**Individual protection measures**

|                          |   |
|--------------------------|---|
| Eye and face protection: | Wear safety goggles.  |
| Skin protection:         | Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.   |
| Respiratory protection:  | If work practices do not maintain adequate ventilation, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority. |
| Thermal hazards:         | Not applicable.   |

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

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|   |                          |
|---|--------------------------|
| Appearance:                                       | Clear, colourless liquid |
| Odour:  | Data not available       |
| Odour threshold (ppm):                            | Data not available       |
| pH:   | Data not available       |
| Melting point/freezing point (°C):                | -50                      |
| Initial boiling point and boiling range (°C):     | 243.9                    |
| Flash point (°C):                                 | 119.9 (CC)               |
| Evaporation rate (Butyl acetate = 1):             | Data not available       |
| Flammability:                                     | Data not available       |
| Upper/lower flammability or explosive limits (%): | Data not available       |
| Vapour pressure (mmHg @ 20°C):                    | 0.01                     |
| Vapour density (air = 1):                         | 7.45                     |
| Density (g/ml @ 15°C):                            | 0.946                    |
| Solubility:                                       | Negligible               |
| Partition coefficient: n-octanol/water:           | Data not available       |
| Auto-ignition temperature (°C):                   | 393.3                    |
| Decomposition temperature (°C):                   | Data not available       |
| Kinematic viscosity (mm <sup>2</sup> /s @ 20°C):  | Data not available       |

Product: RECANOL

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**SECTION 10 STABILITY AND REACTIVITY**

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**Reactivity**

Stable under normal conditions of use.

**Chemical stability**

Stable under normal conditions of use.

**Possibility of hazardous reactions**

Stable under normal conditions of use.

**Conditions to avoid**

None known.

**Incompatible materials**

Strong oxidising agents.

**Hazardous decomposition products**

Oxides of carbon, various hydrocarbons.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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|--|---|
| Acute toxicity:  | Expected to be of low toxicity, LD50 Oral (rat): 3,200mg/kg   |
| Skin corrosion/irritation:                                 | May be slightly irritating.   |
| Serious eye damage/irritation:                             | May be slightly irritating  |
| Respiratory or skin sensitisation:                         | Not expected to be a sensitiser   |
| Germ cell mutagenicity:                                    | No evidence of mutagenic activity   |
| Carcinogenicity:   | Not carcinogenic in animal studies  |
| Reproductive toxicity:                                     | Not expected to impair fertility  |
| Specific Target Organ Toxicity (STOT) – single exposure:   | Inhalation of vapours or mists may cause slight irritation to the respiratory system, LC50 Inhalation (rat): 3.55mg/l, 6h |
| Specific Target Organ Toxicity (STOT) – repeated exposure: | Data not available  |
| Aspiration hazard:   | Not considered an aspiration hazard.  |

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**SECTION 12 ECOLOGICAL INFORMATION**

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**Ecotoxicity**

Acute toxicity:

|                        |                    |
|------------------------|--------------------|
| Fish –                 | Data not available |
| Aquatic invertebrate – | Data not available |
| Algae –                | Data not available |
| Microorganisms –       | Data not available |

Chronic toxicity:

|                        |                    |
|------------------------|--------------------|
| Fish –                 | Data not available |
| Aquatic invertebrate – | Data not available |

**Product: RECANOL**

|                  |                    |
|------------------|--------------------|
| Algae –          | Data not available |
| Microorganisms – | Data not available |

**Persistence and degradability**

Expected to be readily biodegradable.

**Bioaccumulative potential**

Data not available.

**Mobility in soil**

Floats on water. If enters soil, will adsorb to soil and will not be mobile.

**Other adverse effects**

Data not available.

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**SECTION 13 DISPOSAL CONSIDERATIONS**

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Ensure waste disposal conforms to local waste disposal regulations.

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**SECTION 14 TRANSPORT INFORMATION**

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|  |                |
|--|----------------|
| <b>UN number:</b>                                | Not applicable |
| <b>Proper shipping name:</b>                     | Not applicable |
| <b>Australian Dangerous Goods class:</b>         | Not applicable |
| <b>Australian Dangerous Goods packing group:</b> | Not applicable |
| <b>Hazchem code:</b>                             | Not applicable |

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**SECTION 15 REGULATORY INFORMATION**

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|---|----------------|
| Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule: | Not scheduled  |
| Australian Inventory of Chemical Substances (AICS):                                     | Listed         |
| Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):                        | Not applicable |

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**SECTION 16 OTHER INFORMATION**

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|---------------------------|--------------------|
| Date of preparation:      | 22/04/2021         |
| Revision number:          | 3                  |
| Changes in this revision: | Reviewed at expiry |

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This SDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Recochem cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implied, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Recochem on (07) 3308 5200.

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