



# SAFETY DATA SHEET

## SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

|                                    |                              |
|------------------------------------|------------------------------|
| <b>Product Identifier</b>          | <b>WATER BASED DEGREASER</b> |
| <b>Other Names</b>                 | None                         |
| <b>Manufacturer's Product Code</b> | 17033                        |
| <b>Recommended Use</b>             | Degreasing and cleaning      |

### Details of Supplier/Manufacturer

|          |   |
|----------|---|
| Company: | Recochem Inc. ABN: 69 010 485 999         |
| Address: | 1809 Lytton Road, Lytton, Queensland 4178 |
| Phone:   | +617 3308 5200 Fax: +617 3308 5201        |
| Website: | www.recochem.com.au                       |

### Details of Distributor

|          |                                    |
|----------|------------------------------------|
| Company: | Owens Logistics                    |
| Address: | 3-5 Kahu Street, Otahuhu, Auckland |
| Phone:   | (09) 270 1310 Fax: (09) 270 1311   |


### Emergency Telephone Numbers

|                      |              |
|----------------------|--------------|
| Poisons Information: | 0800 764 766 |
|----------------------|--------------|

## SECTION 2 HAZARDS IDENTIFICATION

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

|                    |               |
|--------------------|---------------|
| <b>Signal Word</b> | <b>DANGER</b> |
|--------------------|---------------|

| Hazardous chemical classification      | Pictogram   | Hazard statement                             |
|--|---|--|
| Skin Corrosion/Irritation, Category 1A |  | H314 Causes severe skin burns and eye damage |
| Eye Damage/Irritation, Category 1      |   | H318 Causes serious eye damage               |

### Precautionary statements:

|                |  |
|----------------|--|
| <b>GENERAL</b> |  |
| 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  |

**Product: WATER BASED DEGREASER**

|                     |  |
|---------------------|--|
| <i>PREVENTATIVE</i> |  |
| P260                | Do not breathe mist/vapours/spray  |
| P264                | Wash thoroughly after handling   |
| P280                | Wear protective gloves/protective clothing/eye protection/face protection  |
| <i>RESPONSE</i>     |  |
| P301 + P330 + P331  | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  |
| P303 + P361 + P353  | IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower                         |
| P304 + P340         | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing                                  |
| P305 + P351 + P338  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310                | Immediately call a POISON CENTER or doctor/physician   |
| P363                | Wash contaminated clothing before reuse  |

**SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS****Ingredients Names and Proportions**

| Chemical Entity  | CAS Number | Proportion (%) |
|------------------|------------|----------------|
| Sodium Hydroxide | 1310-73-2  | 2              |
| 2-Butoxyethanol  | 111-76-2   | < 5            |
| Alkaline salts   | -          | < 10           |
| Surfactants      | -          | < 10           |
| Dye              | -          | < 1            |
| Water            | 7732-18-5  | Balance        |

**SECTION 4 FIRST AID MEASURES****Description of necessary first aid measures**

|               |  |
|---------------|--|
| Inhalation:   | Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment           |
| Skin Contact: | If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available. If any irritation persists, seek medical attention |
| Eye Contact:  | If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists seek medical attention                                      |
| Ingestion:    | If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical attention  |

**Symptoms caused by exposure**

|             |   |
|-------------|---|
| Inhalation: | May result in burning sensation of the nose and throat  |
| Skin:       | A skin irritant. May include skin burns, redness, swelling and/or blisters.   |
| Eye:        | May cause eye irritation. May include burning sensation, redness, swelling, blurred vision. Corneal injury may develop. |
| Ingestion:  | May result in nausea vomiting and stomach pain  |

**Medical attention and special treatment**

Treat symptomatically.

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**SECTION 5 FIRE FIGHTING MEASURES**

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**Suitable extinguishing equipment**

Non-combustible, not considered to be a significant fire risk.

**Specific hazards arising from the chemical**

May evolve carbon dioxide on decomposition.

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

Wear full protective clothing and self-contained breathing apparatus. Hazchem code 2X.

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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. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Ventilate contaminated area thoroughly.

**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 small spills (< 1 drum), dilute with water and mop up, or absorb with dry inert material, and place in an appropriate labelled, sealable container for product recovery or safe disposal.

For larger spills (> 1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Retain as contaminated waste.

Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

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**SECTION 7 HANDLING AND STORAGE**

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**Precautions for safe handling**

Avoid breathing vapours. Do NOT ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Do not empty into drains.

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

Store in a cool, well-ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near strong oxidisers.

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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 -

Sodium Hydroxide: 2mg/m<sup>3</sup> (peak) TWA

2-Butoxyethanol: 96.9mg/m<sup>3</sup> (20ppm) TWA, 242mg/m<sup>3</sup> (50ppm) STEL

Alkaline salts: 10mg/m<sup>3</sup> in respirable mists

**Biological monitoring**

No biological limit allocated.

**Engineering controls**

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

**Product: WATER BASED DEGREASER****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 airborne level below the exposure standard, 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.   |

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

|   |                    |
|---|--------------------|
| Appearance:                                       | Pink liquid        |
| Odour:  | Characteristic     |
| Odour threshold (ppm):                            | Data not available |
| pH:   | 11.8               |
| Melting point/freezing point (°C):                | 0 (approx.)        |
| Initial boiling point and boiling range (°C):     | 100 (approx.)      |
| Flash point (°C):                                 | Data not available |
| Evaporation rate (Butyl acetate = 1):             | Data not available |
| Flammability:                                     | Non-combustible    |
| Upper/lower flammability or explosive limits (%): | Data not available |
| Vapour pressure (mmHg @ 20°C):                    | Data not available |
| Vapour density (air = 1):                         | Data not available |
| Density (g/ml @ 15°C):                            | 1.05 - 1.06        |
| Solubility:                                       | Soluble in water   |
| Partition coefficient: n-octanol/water:           | Data not available |
| Auto-ignition temperature (°C):                   | Data not available |
| Decomposition temperature (°C):                   | Data not available |
| Kinematic viscosity (mm <sup>2</sup> /s @ 20°C):  | Data not available |

**SECTION 10 STABILITY AND REACTIVITY****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.

**Product: WATER BASED DEGREASER**

**Conditions to avoid**

Avoid oxidising agents and naked flames.

**Incompatible materials**

Strong acids, oxidising reagents.

**Hazardous decomposition products**

May evolve carbon dioxide.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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| Acute toxicity:  | Swallowing this product can result in nausea vomiting and stomach pain   |
| Skin corrosion/irritation:                                 | Irritant, prolonged contact may cause dermatitis   |
| Serious eye damage/irritation:                             | Irritant. Corneal injury may develop with possible impairment of vision if not promptly and adequately treated |
| Respiratory or skin sensitisation:                         | Data not available   |
| Germ cell mutagenicity:                                    | Data not available   |
| Carcinogenicity:   | Data not available   |
| Reproductive toxicity:                                     | Data not available   |
| Specific Target Organ Toxicity (STOT) – single exposure:   | Slight irritant to respiratory tract when in mist form   |
| Specific Target Organ Toxicity (STOT) – repeated exposure: | Data not available   |
| Aspiration hazard:   | Data not available   |

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

**Persistence and degradability**

Biodegradable.

**Bioaccumulative potential**

Data not available.

**Product: WATER BASED DEGREASER****Mobility in soil**

Miscible with water.

**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>                                | 1760                     |
| <b>Proper shipping name:</b>                     | CORROSIVE LIQUID, N.O.S. |
| <b>Australian Dangerous Goods class:</b>         | 8                        |
| <b>Australian Dangerous Goods packing group:</b> | III                      |
| <b>Hazchem code:</b>                             | 2X                       |

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**SECTION 15 REGULATORY INFORMATION**

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|---|--|
| Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule: | 5  |
| Australian Inventory of Chemical Substances (AICS):                                     | Listed   |
| Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):                        | 37   |
| New Zealand HSNO, Classification:   | Cleaning Products (Subsidiary Hazard) Group Standard: Classification – 6.1E (oral), 6.3A, 6.4A |

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**SECTION 16 OTHER INFORMATION**

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|----------------------------------|--|
| <b>Date of preparation:</b>      | 14/08/2017   |
| <b>Revision number:</b>          | 4  |
| <b>Changes in this revision:</b> | Updated hazard classification<br>Updated NZ HSNO information |

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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 +617 3308 5200.

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