



SAFETY DATA SHEET

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Identifier	SHELL WHEEL AND ALLOY CLEANER
Other Names	None
Manufacturer's Product Code	TBA
Recommended Use	Cleaner

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

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

Signal Word	WARNING
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Hazardous chemical classification	Pictogram	Hazard statement
Serious Eye Damage/Irritation, Category 1	 HEALTH HAZARD	H318 Causes serious eye damage
Skin Corrosion/Irritation, Category 2	 EXCLAMATION MARK	H315 Causes skin irritation
Acute Toxicity (Dermal), Category 4		H312 Harmful in contact with skin

Product: SHELL WHEEL AND ALLOY CLEANER**Precautionary statements:**

<i>GENERAL</i>	
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
<i>PREVENTATIVE</i>	
P264	Wash thoroughly after handling
P280	Wear protective gloves/eye protection/face protection
<i>RESPONSE</i>	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
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
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P332 + P313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
<i>DISPOSAL</i>	
P501	Dispose of contents/container in accordance with local regulations

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

Chemical Entity	CAS Number	Proportion (%)
2-Butoxyethanol	111-76-2	<10
D-Limonene	5989-27-5	< 1

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

Inhalation:	If exposed, remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.
Skin Contact:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If symptoms persist transport to nearest medical facility for additional treatment.
Eye Contact:	If in eyes act promptly. Hold eyes open and flood with water for at least 15 minutes. Transport to nearest medical facility for additional treatment.
Ingestion:	If swallowed in large quantities, transport to nearest medical facility for advice. Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Symptoms caused by exposure

Inhalation:	May cause mild irritation to the respiratory system.
Skin:	May include redness, swelling, pain, blisters. May cause sensitisation by skin contact.
Eye:	May include redness, burning, blurred vision or swelling.
Ingestion:	May cause mild irritation.

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Medical attention and special treatment

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing equipment

Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth for small fires only. Do not use water in a jet.

Specific hazards arising from the chemical

None expected.

Special protective equipment and precautions for fire fighters

Combustible liquid. Wear full protective clothing and self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

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. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Environmental precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.

Methods and materials for containment and cleaning up

Slippery when spilt. Transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely in accordance with local regulations.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

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.

Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated area. Keep containers closed when not in use.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure control measures

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia -
2-Butoxyethanol: 96.9mg/m³ (20ppm) TWA (8hr) skin, 242mg/m³ (50ppm) STEL.

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.

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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:	Clear pink liquid
Odour:	Characteristic
Odour threshold (ppm):	Data not available
pH:	6.5 typical (1% aqueous solution)
Melting point/freezing point (°C):	Data not available
Initial boiling point and boiling range (°C):	> 100
Flash point (°C):	> 99 (Closed cup)
Evaporation rate (Butyl acetate = 1):	Data not available
Flammability:	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 (kg/m ³ @ 15°C):	1.000
Solubility in water:	Completely miscible
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature (°C):	Data not available
Decomposition temperature (°C):	Data not available
Kinematic viscosity (mm ² /s @ 20°C):	10 typical

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.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Strong oxidising agents.

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Hazardous decomposition products

None expected.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity:	Expected to be of low oral toxicity, LD50 Oral > 2000 mg/kg Expected to be of low dermal toxicity, LD50 Oral > 5000 mg/kg
Skin corrosion/irritation:	Irritating to skin
Serious eye damage/irritation:	Irritating to eyes
Respiratory or skin sensitisation:	May cause sensitisation by skin contact
Germ cell mutagenicity:	Not expected to be mutagenic
Carcinogenicity:	Not expected to be carcinogenic
Reproductive toxicity:	Not expected to impair fertility
Specific Target Organ Toxicity (STOT) – single exposure:	Data not available
Specific Target Organ Toxicity (STOT) – repeated exposure:	Data not available
Aspiration hazard:	Data not available

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity:

Fish –	Expected to be harmful: LC/EC/IC50 10 - 100 mg/l
Aquatic invertebrate –	No data available
Algae –	No data available
Microorganisms –	No data available

Chronic toxicity:

Fish –	No data available
Aquatic invertebrate –	No data available
Algae –	No data available
Microorganisms –	No data available

Persistence and degradability

Expected to be readily biodegradable.

Bioaccumulative potential

Not expected to bioaccumulate significantly.

Mobility in soil

Large volumes may penetrate soil and contaminate groundwater.

Other adverse effects

No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

UN number:	Not applicable
Proper shipping name:	Not applicable
Australian Dangerous Goods class:	Not applicable
Australian Dangerous Goods packing group:	Not applicable
Hazchem code:	Not applicable

SECTION 15 REGULATORY INFORMATION

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):	Not applicable

SECTION 16 OTHER INFORMATION

Date of preparation:	22/05/2019
Revision number:	1
Changes in this revision:	New document

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.
