



# SAFETY DATA SHEET

## SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Identifier** JETCRETE

**Other Names** None

**Manufacturer's Product Code** JET

**Recommended Use** Repairs to internal and external concrete and masonry surfaces

### 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>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>

<b>Signal Word</b>	<b>DANGER</b>
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Hazardous chemical classification	Pictogram	Hazard statement
Serious Eye Damage/Irritation, Category 1	 CORROSION	H318 Causes serious eye damage
Skin Corrosion/Irritation, Category 2	 EXCLAMATION MARK	H315 Causes skin irritation
Sensitisation - Skin, Category 1		H317 May cause an allergic skin reaction
Specific Target Organ Toxicity (Single exposure), Category 3		H335 May cause respiratory irritation

**Product: JETCRETE**

Acute Aquatic Toxicity, Category 1	 ENVIRONMENT	H410 Very toxic to aquatic life with long lasting effects
Chronic Aquatic Toxicity, Category 1		

**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
<b>PREVENTATIVE</b>	
P261	Avoid breathing mist/vapours/spray
P264	Wash thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P280	Wear protective gloves/eye protection/face protection
<b>RESPONSE</b>	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
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 CENTRE 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
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P391	Collect spillage
<b>STORAGE</b>	
P403 + P233	Store in a well-ventilated place. Keep container tightly closed
P405	Store locked up
<b>DISPOSAL</b>	
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 (%)
Graded Sand	14808-60-7	> 60
Portland Cement	65997-15-1	10 – 30
Calcium Aluminate Cement	65997-16-2	1 – 10
Calcium Oxide	1305-78-8	0 – 1

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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. 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 irritation occurs seek medical advice.
Eye Contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek immediate medical assistance.
Ingestion:	If swallowed, do NOT induce vomiting. Give water to drink to dilute stomach contents. If symptoms persist, seek medical attention.

**Symptoms caused by exposure**

Inhalation:	Irritating to the nose, throat and respiratory tract causing coughing and sneezing.
Skin:	May cause dryness and burns (direct contact with wet cement).
Eye:	May result in redness, swelling, blurred vision and burns.
Ingestion:	Unlikely under normal use. May cause nausea, stomach cramps and constipation

**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 material. Use extinguishing media suitable for surrounding area.

**Specific hazards arising from the chemical**

May emit poisonous fumes.

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

Wear protection against inhalation of dust particles.

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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.

**Environmental precautions**

Use appropriate containment to avoid environmental contamination. Keep product out of storm water and sewer drains.

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

Best cleaned up by vacuum device to avoid generating airborne dust. Dispose of safely in accordance with local regulations.

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**SECTION 7 HANDLING AND STORAGE**

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**Precautions for safe handling**

Avoid breathing of or contact with material. Use in well ventilated areas. Wash thoroughly after handling. Avoid contact with skin and eyes and clothing. Handle open containers in well ventilated area. Do not empty into drains. Do not eat, drink or smoke in contaminated areas.

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

Protect from moisture to prevent hardening.

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**SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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**Exposure control measures**

In the absence of data from National Occupational Health & Safety Commission (NOHSC) Worksafe Australia the following is recommended to be adopted: 10mg/m<sup>3</sup> TWA (8hr) for dusts

**Biological monitoring**

No biological limit allocated.

**Engineering controls**

Ensure that adequate ventilation is provided. Avoid generating dust. Keep containers closed when not in use.

**Individual protection measures**

Eye and face protection:	Wear safety goggles or a face shield.
Skin protection:	Use impervious gloves and footwear such as PVC (AS/NZS 4501 and AS 2161).
Respiratory protection:	If inhalation risk exists a P2 respirator (AS/NZS 1715 and 1716) should be worn.
Thermal hazards:	Not applicable.

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance:	Grey powder
Odour:	Data not available
Odour threshold (ppm):	Data not available
pH:	> 7 (1% solution)
Melting point/freezing point (°C):	Data not available
Initial boiling point and boiling range (°C):	Data not available
Flash point (°C):	Data not available
Evaporation rate (Butyl acetate = 1):	Data not available
Flammability:	Data not available
Upper/lower flammability or explosive limits (%):	Data not available
Vapour pressure (kPa @ 20°C):	Data not available
Vapour density (air = 1, @ 15°C):	Data not available
Density (g/ml @ 15°C):	Data not available
Solubility (kg/m <sup>3</sup> ):	Partially 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 <sup>2</sup> /s @ 20°C):	Data not available

**Product: JETCRETE**

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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**

Keep free of moisture.

**Incompatible materials**

Data not available.

**Hazardous decomposition products**

None.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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Acute toxicity:	Data not available
Skin corrosion/irritation:	Dust is irritating and drying to the skin. Direct contact with wet cement may cause serious skin burns. Prolonged exposure can cause dermatitis.
Serious eye damage/irritation:	Irritating and corrosive to eyes and may cause alkaline burns. Exposure to dust may aggravate existing eye irritations. Prolonged exposure can cause inflammation of the cornea.
Respiratory or skin sensitisation:	May cause skin sensitisation
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:	Cement dust is irritating to the nose, throat and respiratory tract. Pre-existing upper respiratory tract and lung diseases including asthma and bronchitis may be aggravated.
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**

Expected to be harmful to aquatic life. Do not discharge into sewer or waterways.

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
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**Product: JETCRETE**

Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

**Persistence and degradability**

Data not available.

**Bioaccumulative potential**

Data not available.

**Mobility in soil**

Data not available.

**Other adverse effects**

Data not available.

**SECTION 13 DISPOSAL CONSIDERATIONS**

Ensure waste disposal conforms to local waste disposal regulations.

**SECTION 14 TRANSPORT INFORMATION**

<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

**SECTION 15 REGULATORY INFORMATION**

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	Not applicable
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:	20/10/2016
Revision number:	2
Changes in this revision:	Update to GHS SDS standard

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.