

# SAFETY DATA SHEET

Product Name: **CONCRETE CLEANER**

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## 1. PRODUCT & COMPANY IDENTIFICATION

**PRODUCT NAME:** CONCRETE CLEANER  
**RECOMMENDED USE:** Heavy duty concrete cleaner.  
**SUPPLIER NAME:** Jamac-Safe & Clean Pty Ltd (ABN 31065 516 529)  
**ADDRESS:** 66 Loftus St, Riverstone NSW 2765  
**TELEPHONE:** 02 9838 1220  
**EMERGENCY NUMBER:** 0438 569 315

## 2. HAZARDS IDENTIFICATION

**Signal word:** Warning  
**Hazardous Substance:** Non-Dangerous Goods.

**GHS Classification:** Eye Irritation Category 1  
Skin Irritation Category 2

**Hazard Statement:** H313 Causes skin irritation  
H318 Cause serious eye damage

**Precautionary Statements:** P264 Wash hands thoroughly after using  
P280 Wear eye protection and protective gloves.

**Response Statements:** P305, P351, P338 IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do. Continue rinsing.  
P302, P352 IF ON SKIN: Wash with plenty of soap and water.  
P332, P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.

**Storage Statements:** No storage statements  
**Disposal Statements:** No disposal statements.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	PROPORTION (% w/w)
Sodium carbonate	497-19-8	<50%
Anionic surfactant		<15
Sodium metasilicate	10213-79-3	<10%
Sodium hydroxide	1310-73-2	<10%
Other nonhazardous ingredients		to 100%

## 4. FIRST AID MEASURES

**Skin Contact:** Remove contaminated clothing and wash immediately with plenty of water. If irritation develops, get medical attention.

**Ingestion:** Remove from mouth. Give a glass of water or milk. If symptoms develop, see a doctor immediately. DO NOT induce vomiting.

**Eye Contact:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

**Inhalation:** Remove from contaminated area and give fresh air. Seek medical attention.

Notes to Doctor: Symptomatic and general supportive treatment should be given.

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## 5. FIRE FIGHTING METHODS

**Suitable Extinguishing Media:** Extinguish fire with water, co2, foam or dry chemical.

**Specific Hazards:** This product is not flammable but may emit toxic fumes.

**Specific Protective Equipment & Precautions for Fire fighters:** Wear self contained breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear gloves, facial mask and avoid contact with skin or eyes. Ensure adequate ventilation

**Environmental precautions:** Clean up any spills immediately.

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

Contain the spill and prevent run off into confined areas, drains and waterways.

*Large spills:* Wear overalls, safety glasses and gloves to shovel or vacuum up the spill. Collect and seal in properly labelled for disposal in an area approved by local authority.

*Small spills:* may be safely sweep up and area washed with excess water. Avoid the formation of dust.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING:

Always keep containers closed. Keep out of the reach of children. Read label before use.

Avoid eye contact and repeated or prolonged skin contact. Wash hands after use. Avoid excessive inhalation. Avoid prolonged skin contact.

### CONDITIONS FOR SAFE STORAGE:

Store in the original container, in a cool dry well-ventilated area out of sunlight and away from incompatible materials and foodstuffs

An eyewash station should be installed next to where bulk product is stored.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational exposure limits:** No exposure standard allocated. The blanket recommendation for Dust is 10mg/m3.

**Engineering measures:** Avoid breathing powder or dust. Ensure adequate ventilation.

**Personal protection equipment:** Wear safety glasses and protective gloves. Avoid prolonged contact with skin or excessive inhalation. Wash hands before eating or going to toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE:** White powder to Brown coloured.

**ODOUR:** Mild

**pH (1% SOLUTION):** 10.0 – 11.0

**FREEZING / MELTING POINT:** Not applicable.

**BOILING POINT / RANGE:** Not applicable.

**FLAMMABILITY:** Not flammable.

**FLASH POINT:** No information available.

**EVAPORATION RATE:** Not applicable.

**VAPOUR PRESSURE:** Not applicable.

**VAPOUR DENSITY:** Not applicable.

**SPECIFIC GRAVITY OR DENSITY:** 0.95/kg m3 approx.

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**PERCENT VOLATILES:** No information available.  
**SOLUBILITY:** Soluble in water.  
**AUTO-IGNITION TEMPERATURE:** Not applicable.  
**DECOMPOSITION TEMPERATURE:** Not applicable.

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** The product is stable under normal conditions of use and when stored as recommended.  
**CONDITIONS TO AVOID:** Do not combine part drums of the same product, as this may be a source of contamination.  
**INCOMPATIBLE MATERIALS:** Acids, aluminium, ammonium salts, tin or zinc coated metals.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** The packaging material may burn to emit noxious fumes.  
**HAZARDOUS REACTIONS:** Reacts violently with acids. Reacts exothermically on dilution with water. Reacts with ammonium salts and a toxic ammonia gas may be liberated.

## 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 or effects that may arise if the product is mishandled and overexposure occurs are:

### ACUTE EFFECTS

**INGESTION:** Can be irritating if swallowed.  
**EYE CONTACT:** Irritating to the eyes.  
**SKIN CONTACT:** Capable of causing skin irritation  
**INHALATION:** Vapours, mists and sprays can cause irritation.  
**LONG TERM EFFECTS:** No specific chronic effects expected.

### ACUTE TOXICITY /CHRONIC TOXICITY:

No toxicity data for this specific product, however toxicity data for the hazardous ingredient is listed below.

TOXICITY DATA FOR SODIUM CARBONATE:  
Oral LD50 (rat) 4000 mg/kg Inhalation LC50 (rat) 2100 – 2500 mg/m<sup>3</sup>/2H

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** Avoid contaminating waterways. The product is highly alkaline. If large spills occurred a water pH rise could be responsible for an environmental effect on aquatic organisms. If not neutralised this product could potentially be toxic for aquatic organisms because of its alkalinity (pH> 9 can influence fish, with possible fish death). pH> 8.5 could be destroying for algae.  
**ECOTOXICITY DATA FOR SODIUM CARBONATE:** 96 hr LD50 (L. macrochirus) 300 mg/L 48 hr EC50 (Daphnia magna) 265 mg/L  
**PERSISTENCE AND DEGRADABILITY:** Surfactants are readily biodegradable to AS4351.  
**MOBILITY:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS:** Empty containers should be forwarded to an approved agent for recycling. Avoid unauthorised discharge to sewer.  
**SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION:**

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The product is suitable for disposal by landfill through an approved agent. Incineration of the product is not recommended, as it is unlikely to adequately burn.

#### **14. TRANSPORT INFORMATION**

**ROAD AND RAIL TRANSPORT:** Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

**UN NUMBER:** Not allocated

**UN PROPER SHIPPING NAME:** Not allocated

**MARINE TRANSPORT:** Not allocated

**CLASS AND SUBSIDIARY RISK(S):** Not allocated

**PACKAGING GROUP:** Not allocated

**HAZCHEM CODE:** Not allocated

**SEGREGATION DANGEROUS GOODS:** Not allocated

**MARINE TRANSPORT:** Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**AIR TRANSPORT:** Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) for transport by air.

**EPG CODE:** Not allocated

#### **15. REGULATORY INFORMATION**

**POISONS SCHEDULE NUMBER:** Not allocated

There is no applicable prohibitions or notification, licensing requirements or carcinogens under commonwealth state or territory legislation.

**All ingredients are listed on or exempt from the Australian inventory of Chemical substances.**

#### **16. OTHER INFORMATION**

**GENERAL INFORMATION:** None

**SDS ISSUE DATE:** JANUARY 2024

**End of SDS**