



CONCRETE  
COLOUR  
SYSTEMS

Hazardous according to criteria of Worksafe Australia

## CCS Citric Cleaner

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**River Sands Pty Ltd**  
**ACN 009 919 215**  
**ABN 41 009 919 215**  
683 Beenleigh Redland Bay Rd  
CARBROOK QLD 4129  
Tel: +61 7 3287 6444  
Fax: +61 7 3287 6445  
**Emergency Advice All Hours:**  
Australia Wide: 131 126

**Product Name:** CCS Citric Cleaner

**Use:** A citrus based cleaner for surface preparation (degreasing and efflorescence removal) on concrete.

**UN Number:** None allocated

**Proper Shipping Name:** None allocated

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Hazchem Code:** None allocated

**Poison Schedule:** None allocated

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients Name	CAS	Proportion
Glycolic acid	79-14-1	10 - 30%
Water	7732-18-5	>60%
Ingredients determined non-hazardous	various	<10%

### 3. HAZARD IDENTIFICATION

**Hazardous substance, according to the criteria set by Worksafe Australia.**

**Risk Statement:** R36/37/39 Irritating to eyes, respiratory system and skin.

**Safety Statement:** S7 Keep container tightly closed.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S1/2 Keep locked up and out of reach of children.

**Hazard Category:** Xi – irritant.

#### ACUTE HEALTH EFFECTS

**Swallowed:** Significant oral exposure is considered to be unlikely. May cause irritation to mouth, throat and stomach. Nausea and vomiting may result.

**Eye:** May cause irritation to the eye.

**Skin:** May cause irritation, after prolonged exposure may cause dermatitis.

**Inhaled:** May cause irritation to the respiratory system, causing dizziness and headaches.

**Chronic Health Effects:** Prolonged or repeated exposure may skin irritation and defatting.



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### 4. FIRST AID MEASURES

- Swallowed:** If swallowed, contact Doctor or the poisons information centre. **DO NOT induce vomiting**, rinse mouth with water, and give glass of water to drink. Seek medical advice.
- Eye:** If in eyes, flush with plenty of water for at least 20 minutes, ensuring eyelids are held open and seek medical attention
- Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with plenty of water. Seek medical advice if irritation, burning or redness occurs.
- Inhaled:** Move to fresh air. Monitor for respiratory distress. Seek medical attention
- First Aid Facilities:** Eye wash, shower and normal washroom facilities.
- Advice to Doctor:** Treat symptomatically..
- Scheduled poisons:** Poisons Information Centre in each Australian State capital city can provide additional assistance for scheduled poisons.

### 5. FIRE-FIGHTING MEASURES

- Specific hazards:** Not combustible, water based. In a fire may produce hydrogen cyanide and nitrogen oxides.
- Special protective precautions and equipment:** Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Suitable extinguishing media: if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

### 6. ACCIDENTAL RELEASE MEASURES

- Small Spills:** Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Dilute with water and wipe up with absorbent (clean rag or paper towels).
- Large spills:** Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Wash down area with large quantities of water. Can be neutralized with lime or soda ash. If large contamination of sewers or waterways has occurred advise local emergency services.

### 7. HANDLING AND STORAGE

- Conditions for safe storage:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs. Keep containers closed and upright when not in use – check regularly for leaks. Avoid storing in aluminium and light alloy containers.
- Precautions for safe handling:** Avoid skin and eye contact and breathing in large amounts vapour. Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet. Avoid contact with incompatible materials.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Personal Protective Equipment:**



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Avoid contact with the skin and eyes, and avoid breathing vapours. When exposure is likely, personal protective equipment in a combination appropriate to the degree and nature of exposure, should be selected from the following list:-

- (1) Eye/Face protection
- (2) Neoprene, butyl rubber gloves
- (3) Leather boots

**Contamination:** If contamination occurs, change clothing taking care to avoid skin contact with the contaminated area, and discard internally contaminated gloves. Launder contaminated clothing before reuse. Observe good personal hygiene. Eye wash fountains and safety showers should be available for emergency use.

**Engineering Controls:** Special ventilation is not normally required due to the low volatility of the product at normal temperatures. However mists or vapour may be generated and should be avoided. Exhaust ventilation should be provided to maintain airborne concentration levels as low as is reasonably practicable.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear non-viscous liquid with a mild odour
<b>Melting point</b>	Not applicable
<b>Boiling point</b>	Approximately 100°C
<b>Solubility</b>	Soluble
<b>Specific gravity</b>	1.06 @ 25°C
<b>Flash point</b>	Not applicable
<b>Volatile component</b>	80%
<b>pH</b>	1.0 – 2.0

### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	This material is thermally stable when stored and used as directed.
<b>Conditions to avoid:</b>	Avoid excessive heat, direct sunlight, moisture, freezing, static charges and high temperatures.
<b>Incompatible Materials:</b>	Oxidising agents, metals, cyanides, sulphides and ignition sources.
<b>Hazardous decomposition products:</b>	On combustion, hydrogen cyanide and nitrogen oxides may be released.
<b>Hazardous reactions:</b>	Alkaline materials.

### 11. TOXICOLOGICAL INFORMATION

**Carcinogenic Effects:** Product used according to technical and manufacturing information has had no carcinogenic effects observed.

**Reproductive toxicity:** No effect on fertility or reproduction was found in published data available at time of revision.

### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Not known
<b>Persistence and degradability:</b>	Not known

### 13. DISPOSAL CONSIDERATIONS

**Disposal methods and containers:**

Disposal must be in accordance with local waste authority requirements. Product must be contained and not disposed to sewerage systems, drains or waterways.



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### 14. TRANSPORT INFORMATION

**UN Number:** Not assigned  
**Class and subsidiary risk(s):** Not assigned  
**Special precautions for user:** Keep container tightly closed. Store product between 15-30°C, in a dry environment and out of direct sunlight.

### 15. REGULATORY INFORMATION

**Poisons schedule:** Schedule 6 poison.  
**Hazard:** Xi - irritant

### 16. OTHER INFORMATION

**Sources for data:** Suppliers MSDS for component ingredients  
National Code of Practice for the Preparation of Material Safety Data Sheets 2<sup>nd</sup> Ed [NOHSC: 2011(2003)]  
Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(1999)]

Issued by: Tess Flores – Technical Manager  
The customer is advised to consult the product Technical Data Sheets for further information including advice on suitable equipment.

Information used in the compilation of this MSDS obtained from investigations conducted at outside laboratories.  
MSDS's are updated frequently. Please ensure that you have a current copy.

**Contact Point**  
**Emergency Advice All Hours:**  
Australia Wide: 131 126

#### Disclaimer

This Material Safety Data Sheet should be used in conjunction with the Technical Data Sheet. It does not replace them. The information given is based on our knowledge of the health and safety data of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact River Sands Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with the appropriate regulations and / or legislation.

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