

Safety Data Sheet



1. Identification of the substance/mixture and supplier

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| Product Name: | CCA Cleaner |
| Other Names: | |
| Recommended use: | Concrete cleaner |
| Supplier: | Uroxsys Ltd |
| Street Address: | 2 Stonedon Drive, East Tamaki, Auckland |
| Telephone Number: | +64 9 2740808 (8.00am to 5.00pm, Monday to Friday) |
| Facsimile: | +64 9 2740500 |
| Emergency Telephone: | After hours phone 0800 867666 (or 09 3034580), quote reference: Uroxsys Helpline |
| National Poison Information Centre | 0800 POISON (764766) |
| Date of issue | 6 May 2019 |

2. Hazards identification

DANGER



6.1E (Dermal), 6.3B, 8.3A

EPA Approval: HSR002530
Cleaning Products (Subsidiary Hazard) Group Standard 2017

Not classified as Dangerous Goods by NZS 5433 Transport of Dangerous Goods on Land.

Hazard Statements:

H313: May be harmful in contact with skin.
H316: Causes mild skin irritation
H318: Causes serious eye damage.

Prevention Statements

P102: Keep out of reach of children.
P103: Read label before use.
P280: Wear protective gloves/eye protection.

Response Statements

P101: If medical advice is needed, have product container or label at hand.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice/ attention.

Disposal Statements

P501 Do not let product enter the environment. Do not dispose of in waterways or sewers. Unwanted product should be brushed out on newspaper, allowed to cure and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to cure. When cured, recycle the container via recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council first.

3. Composition/information on ingredients

| Material | CAS No | Content % |
|---------------------------------------|-----------|-----------|
| Water | 7732-18-5 | 60 – 80 |
| Citric acid | 77-92-9 | 10 – 30 |
| Ethylene glycol monobutyl ether | 111-76-2 | < 10 |
| Polyethylene glycol nonylphenyl ether | 9016-45-9 | < 10 |

4. First-aid measures

If poisoning occurs, contact a doctor or Poisons Information Centre Phone 0800 764 766.

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| Ingestion: | Immediately rinse mouth with water. Give water to drink. Do not induce vomiting. Seek immediate medical assistance. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth. |
| Inhalation: | Remove to fresh air. If breathing has stopped, apply artificial respiration. |
| Skin Contact: | If skin contact occurs, immediately remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek medical advice. |
| Eye Contact: | If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. |
| Notes to physician: | None |

5. Fire-fighting measures

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| Hazards from combustion: | Not classified as flammable |
| Fire-fighting advice: | If safe to do so, remove containers from the path of fire. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour. |
| Suitable Extinguishing Media: | Foam, dry agent (carbon dioxide, dry chemical powder), water spray, sand or earth. |

6. Accidental release measures

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| Emergency procedures: | If contamination of sewers or waterways has occurred advise local emergency services. |
| Methods for containment & clean up: | Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. 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. |

7. Handling and storage

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| Handling advice: | Avoid skin and eye contact and breathing in vapour. |
| Storage advice: | Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks. |

8. Exposure controls/personal protection

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| Occupational Exposure Limits: | Ethylene glycol monobutyl ether (skin) TWA 25ppm, 121 mg/m ³ |
| Engineering Control Measures: | Ensure ventilation is adequate. Keep containers closed when not in use. |
| Personal Protective Equipment: | Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. |

9. Physical and chemical properties

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| Physical state: | Liquid |
| Solubility in water: | 100% |
| Specific Gravity: | 1.0 |
| Flash Point (°C): | >93 |
| Flammability Limits (%): | Not applicable |
| Boiling Point/Range (°C): | 167 – 173 |
| Colour | Clear |
| pH value | 2 |

10. Stability and reactivity

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| Stability: | Stable under normal conditions |
| Conditions to avoid: | Avoid contact with foodstuffs. |
| Incompatible materials: | Incompatible with strong oxidising agents |

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:

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| Ingestion: | Moderately toxic if swallowed. May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness. |
| Eye contact: | Causes irritation and pain followed by swelling of the conjunctiva. |
| Skin contact: | Slightly irritating to skin. |
| Inhalation: | The vapour may irritate the nose, throat and lungs. Headache, nausea, vomiting, dizziness and drowsiness may occur. |
| Long Term Effects: | None currently known. |
| Toxicological Data: | No LD50 data available for the product. However, for constituent Ethylene glycol monobutyl ether: Oral LD50 (guinea pig): 1414 mg/kg, Dermal LD50 (rat): 1800 mg/kg, LC50 (rat) 2.174 mg/l Polyethylene glycol nonylphenyl ether: Oral LD50 (rat): 2590 mg/kg, Dermal LD50 (rabbit): 2830 mg/kg Citric Acid: Oral LD50 (rat): 3000 mg/kg Oral LD50 (mice): 5040 mg/kg |

12. Eco toxicological information

Avoid contaminating waterways. The material is readily biodegradable.

For constituent Ethylene glycol monobutyl ether:

Acute toxicity to fish: Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested). LC50, *Oncorhynchus mykiss* (rainbow trout), static test, 96 Hour, 1,474 mg/l, Acute toxicity to aquatic invertebrates EC50, *Daphnia magna* (Water flea), static test, 48 Hour, 1,550 mg/l, Acute toxicity to algae/aquatic plants EbC50, *Pseudokirchneriella subcapitata* (green algae), static test, 72 Hour, Biomass, 911 mg/l, Toxicity to bacteria IC50, Bacteria, Growth inhibition, > 1,000 mg/l, Chronic toxicity to fish, NOEC, *Danio rerio* (zebra fish), semi-static test, 21 d, > 100 mg/l, Chronic toxicity to aquatic invertebrates NOEC, *Daphnia magna* (Water flea), semi-static test, 21 d, Other, 100 mg/l

13. Disposal considerations

Refer to Waste Management Authority. Advise flammable nature. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent.

Empty container: Do not contaminate storm water with product or product washing. Do not pour product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to dry out. When dry, recycle the container via recycling programmes. Disposal of empty paint containers via domestic recycling programmes may differ between local authorities. Check with your local council first.

14. Transport information

Road and Rail Transport

Not classified as Dangerous Goods by NZS 5433 Transport of Dangerous Goods on Land.

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) Dangerous Goods Regulations for transport by air.

15. Regulatory information

EPA Approval: HSR002530.

Cleaning Products (Subsidiary Hazard) Group Standard 2017

16. Other information

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Uroxsys Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact Uroxsys Limited at the contact details on page 1.

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This version replaces all previous versions.

END OF SDS