

Safety Data Sheet



1. Identification of the substance/mixture and supplier

Product Name: Chemical Cleaner S
Other Names: CCS Cleaner
Recommended use: 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 22 June 2018

2. Hazards identification

WARNING



3.1D, 6.1D(Oral, Inhalation, Dermal), 9.3C

EPA Approval: HSR002525
Cleaning Products (Combustible) Group Standard 2006

Hazard Statements: bereavement

- Combustible liquid.
- Harmful if swallowed.
- Harmful in contact with skin.
- Causes skin irritation.
- Causes serious eye irritation.
- Harmful if inhaled
- Harmful to terrestrial vertebrates.

Prevention Statements

- Read label before use.
- Keep away from head/sparks/open flames/hot surfaces. No smoking.
- Wear protective gloves/eye protection/face protection.

- Use only outdoors or in a well-ventilated area
- Avoid breathing dust/fume/gas/mist/vapours/spray
- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after handling
- Use personal protective equipment as required.
- Do not breathe fume/gas/mist/vapours/spray.
- Avoid release to the environment.

Response Statements

- In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Rinse mouth.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- If medical advice is needed, have product container or label at hand.
- IF ON SKIN: Wash with plenty of soap and water.
- Take off contaminated clothing and wash before reuse.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.
- If skin irritation occurs: Get medical advice/attention.

Storage:

Store in well ventilated place. Keep cool.

Disposal:

Dispose of contents to an approved waste disposal plant.

Leave empty container to air until dry and dispose of in accordance with local regulations.

3. Composition/information on ingredients

Material	CAS No	Content %
Ethylene glycol monobutyl ether	111-76-2	30-60
Aromatic hydrocarbon solvent	64742-95-6	30-60

4. First-aid measures

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

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 effects occur, consult a physician.
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

Hazards from combustion:	On burning may emit toxic fumes including those of carbon oxides.
Fire-fighting advice:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Flammable liquid. May form flammable vapour mixtures with air. Avoid all ignition sources. Heating can cause expansion or decomposition of the material, which can lead to the containers exploding. If safe to do so, remove containers from the path of fire. Keep containers cool with water spray.
Suitable Extinguishing Media:	Foam, dry agent (carbon dioxide, dry chemical powder), water spray, sand or earth

6. Accidental release measures

Emergency procedures:	If contamination of sewers or waterways has occurred advise local emergency services.
Methods for containment & clean up:	Shut off all possible sources of ignition. Clear area of all unprotected personnel. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect in properly labelled containers and seal.

7. Handling and storage

Handling advice:	Avoid skin and eye contact and breathing in vapour. May form flammable vapour mixtures with air. All potential sources of ignition must be eliminated both in and near the work area. Do NOT smoke. Flameproof equipment is necessary in all areas where this chemical is being used. Nearby equipment must be earthed. Vapour may travel a considerable distance to a source of ignition and flash back.
Storage advice:	Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. 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

Occupational Exposure Limits:	No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH). However, Workplace Exposure Standard(s) for constituent(s): Ethylene glycol monobutyl ether (skin) TWA 25ppm, 121 mg/m ³
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WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

Engineering Control Measures: Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. 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

Physical state:	Liquid
Solubility in water:	Not available
Specific Gravity:	0.9-0.98
Flash Point (°C):	>68°C
Flammability Limits (%):	0.8-6.0
Boiling Point/Range (°C):	>171°C
Colour	Colourless

10. Stability and reactivity

Stability:	Stable under normal conditions.
Conditions to avoid:	Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition and open flame.
Incompatible materials:	Avoid contact with strong acids and strong oxidisers

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:

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. The toxicity of the product may be attributed to the solvents it contains. However, for constituent Ethylene glycol monobutyl ether

Oral LD50 (rat): 560 mg/kg, Dermal LD50 (rat): 1800 mg/kg, Inhalation LC50 (mouse) 3.36 mg/l/4hr

12. Eco toxicological information

Avoid contaminating soil and waterways. If product enters soil, it will be mobile and may contaminate groundwater.

Product is practically non toxic to aquatic organisms on an acute basis.

Acute toxicity to fish: LC50, rainbow trout, static test, 96 hour, 1474 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 5433:1999 Transport of Dangerous Goods on Land.

15. Regulatory information

EPA Approval: HSR002525

Cleaning Products (Combustible) Group Standard 2006

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.

While Uroxsys Ltd believes that the information contained herein is based on data considered accurate, no warranty or representation is expressed or implied for which Uroxsys Ltd assumes legal responsibility.

This version replaces all previous versions.

END OF SDS