

# 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	6 May 2019

## 2. Hazards identification

### WARNING



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

EPA Approval: HSR002525

Cleaning Products (Combustible) Group Standard 2017

### Hazard Statements: bereavement

H227: Combustible liquid.  
H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H332: Harmful if inhaled  
H433: Harmful to terrestrial vertebrates.

### Prevention Statements

P102: Keep out of reach of children  
P103: Read label before use.  
P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray  
P264: Wash hands thoroughly after handling  
P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area  
P273: Avoid release to the environment.  
P280: Wear protective gloves/eye protection/face protection.

### Response Statements

P101: If medical advice is needed, have product container or label at hand.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P304+P340: IF INHALED: Remove 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.  
P330: Rinse mouth  
P363: Wash contaminated clothing before reuse.  
P370+P378: In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction

### Storage:

P403+P235 Store in well ventilated place. Keep cool.

### 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 %
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 Worksafe NZ. However, NZ Workplace Exposure Standard(s) for constituent(s):  Ethylene glycol monobutyl ether (skin) TWA 25ppm, 121 mg/m <sup>3</sup>
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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 Aromatic hydrocarbon solvent: Oral LD50 (rat) 6800 mg/kg, Dermal LD50 (rabbit) 3400 mg/kg, Inhalation LC50 (rat) 1320 ppm/6 hrs/90 days

## 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.

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

Aromatic hydrocarbon solvent: Acute toxicity – Fish: LL/EL/IL50: 1-10 mg/l, Algae: 1-10mg/l, Aquatic invertebrates: 1-10 mg/l, microorganisms 10-100mg/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.

## 15. Regulatory information

EPA Approval: HSR002525

Cleaning Products (Combustible) 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