



# Material Safety Data Sheet

## 1. Identification of the substance/mixture and supplier

Product Name: **Chemical Cleaner S**

Recommended use: Solvent based water rinsable cleaner

Supplier: Uroxsys Ltd

Street Address: 2 Stonedon Drive, East Tamaki, Auckland

Telephone Number: +64 9 2740808

Facsimile: +64 9 2740500

Emergency Telephone: After hours phone 0800 867666 (or 09 3034580), quote reference: Uroxsys Helpline

ERMA Approval: HSR002594

## 2. Hazards identification

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001  
Not classified as Dangerous Goods by NZS 5433:1999 Transport of Dangerous Goods on Land.

Subclass 3.1 Category D (low hazard) - Flammable liquid.

Subclass 6.1 Category C - Substances which are acutely toxic.

Subclass 9.3 Category C - Substances that are harmful to terrestrial vertebrates

Risk phrases: R36 Irritating to eyes

Safety Phrases S24/25 Avoid contact with skin and eyes

S28 After contact with skin, wash immediately with plenty of soap and water.

S29 Do not empty into drains

## 3. Composition/information on hazardous ingredients

ethylene glycol monobutyl ether 111-76-2 30-60% R20/21/22,R36/37

Aromatic hydrocarbon solvent 647442-94-2 30-60% R65

## 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 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

**Specific Hazards:** Flammable liquid

**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**

**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 labeled containers or drums for disposal.

**7. Handling and storage**

**Handling advice:** Avoid skin and eye contact and breathing in vapour.

**Storage advice:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs. Keep containers closed when not in use.

**8. Exposure controls/personal protection**

**Workplace Exposure Limits:**

Ethylene glycol monobutyl ether (skin) TWA 25ppm, 121 mg/m<sup>3</sup>

**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**

Physical state:	Liquid
Colour:	colourless
Solubility:	not available
Specific Gravity:	not available
Flash Point (°C):	>68°C
Flammability Limits (%):	0.8-6.0
Boiling Point/Range (°C):	>171

**10. Stability and reactivity**

**Stability:** Stable under normal conditions

**Conditions to avoid:** Avoid contact with foodstuffs.

**Hazardous decomposition products:** Not expected to form any under normal storage conditions

## 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. Ecotoxicological information

Avoid contaminating waterways.

## 13. Disposal considerations

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

## 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

Subclass 3.1 Category D (low hazard) - Flammable liquid.  
Subclass 6.1 Category C - Substances which are acutely toxic.  
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## 16. Other information

This MSDS 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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