



# Material Safety Data Sheet

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

Product Name: **Duracoat Floor Cleaner**

Recommended use: Timber Floor Cleaner

Supplier: Uroxsys Ltd

Street Address: 17 Trugood 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: HSR002530

## 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 6.1 Category D - Substances which are acutely toxic

## 3. Composition/information on hazardous ingredients

2-butoxy ethanol	111-76-2	10-30%	R20/21/22,R36/37
Water	7732-18-5	>60%	
Ammonia Solution	7664-41-7	<2%	

## 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:** 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

### 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 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 labeled containers and seal.

## 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. This material must be stored, maintained and used in accordance with the relevant regulations.

## 8. Exposure controls/personal protection

### Workplace Exposure Limits:

2 butoxyethanol (skin) TWA 25ppm, 121 mg/m<sup>3</sup>  
Ammonia TWA 25ppm, 17 mg/m<sup>3</sup> STEL 35ppm, 24 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:	Brown
Solubility:	100%
Specific Gravity:	1.0
Flash Point (°C):	>93°C
Flammability Limits (%):	Not applicable
Boiling Point/Range (°C):	167-173

## 10. Stability and reactivity

**Stability:** Stable under normal conditions.

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

## 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 2-butoxy ethanol.

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

**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**

Classification: This material is hazardous according to the criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

Subclass 6.1 Category D - Substances which are acutely toxic.

**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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**END OF MSDS**