Safety Data Sheet

1. Identification

Product Name: Duracoat Floor Cleaner
Other Names:
Recommended use: Timber Floor 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)
Emergency Telephone: After hours phone CHEMCALL 0800 243622 (or +64 4 9179888)
National Poison Information Centre   0800 POISON (764766)
Date of issue   1st September 2022

2. Hazards identification

GHS classification of the substance/mixture:
Classified as Hazardous according to Hazardous Substances (Hazard Classification) Notice 2020
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433: 2020 Transport of Dangerous Goods.

Eye irritation Category 2

EPA Approval: HSR002530
Cleaning Products (Subsidiary Hazard) Group Standard 2020
6.4A

Signal Word: WARNING

Hazard Statements:

H319: Causes eye irritation.

Precautionary Statements – Prevention:

P103: Read label before use.
P264: Wash hands thoroughly after handling.
P280: Wear protective eye protection.

Precautionary Statements – Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

3. Composition/information on ingredients

Material	CAS No	Content %
Water	7732-18-5	> 60
Ethylene glycol monobutyl ether	111-76-2	10 – 30
Ammonia aqueous solution	1336-21-6	< 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

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

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 labelled 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

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

Physical state: Liquid
Solubility in water: 100%
Specific Gravity: 1.0
Flash Point (°C): >93°C
Flammability Limits (%): Not applicable
Boiling Point/Range (°C): 167-173
Colour Brown

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 Ethylene glycol monobutyl ether: Oral LD50 (guinea pig): 1414 mg/kg, LC50 (rat) 2.174 mg/lt Ammonia aqueous solution: Oral LD50 (rat) 370 mg/kg

12. Ecological information

Avoid contaminating waterways.
For constituent Ethylene glycol monobutyl ether:

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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 invertebratesEC50, 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.
Ammonia: 96hr LC50 (rainbow trout):0.53 mg/L

13. Disposal considerations

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

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 dry and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to dry. When dried, recycle the container via recycling programs. Disposal of empty containers via domestic recycling programs may differ between local authorities. Check with your local council first.

14. Transport information

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433: 2020 Transport of Dangerous Goods.

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

15. Regulatory information

EPA Approval: HSR002530
Cleaning Products (Subsidiary Hazard) Group Standard 2020

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.
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