

# SAFETY DATA SHEET

**Product Name** LOTUS COMMERCIAL FLOOR CLEANER

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name **Dowco Associates**  
Address 62 Riverbank Road, Otaki  
Telephone +64 6 364 5767  
+64 6 364 5768  
Emergency 0800 243 622

Synonym(s) 5L

Use(s) CONCENTRATED FLOOR & ALL-PURPOSE CLEANER

## 2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO HAZARDOUS SUBSTANCES [MINIMUM DEGREES OF HAZARD] REGULATIONS 2001 – REPRINTED 2017

### GHS CLASSIFICATION

Acute Toxicity (Oral)	Category 4
Skin Irritation	Category 2
Serious Eye Damage	Category 1
Skin Sensitisation	Category 1A



**Signal Word:** DANGER

### Hazard Codes

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

### Prevention Codes

P102	Keep out of reach of children.
P103	Read label before use.
P261	Avoid breathing mist or spray.
P264	Wash hands thoroughly after use.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves and eye protection.

### Response Codes

P101	If medical advice is needed, have product container or label at hand.
P301+P312	IF SWALLOWED: Call a doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTRE.
P321	Specific treatment: See additional information on this label.
P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical advice.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P362+P364	Take off contaminated clothing and wash before reuse.

### Storage Codes

None

### Disposal Codes

P501 Disposal of content/container should be made in accordance with all applicable local, regional, and national laws and regulations.

**3. COMPOSITION INFORMATION**

Ingredient	CAS Number	Content
Dodecylbenzenesulphonic acid, Triethanolamine salt.	27323-41-7	<10%
Mixture of CMIT and MIT	55965-84-9	<1%
Ingredients determined to be non-hazardous	-	Balance

**4. FIRST AID MEASURES**

<b>Eye</b>	Rinse with copious amounts of water including under eyelids continuously until advised to stop. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical assistance if irritation occurs.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flood skin and hair with running water continuously for 10 minutes. If rash or irritation occurs seek medical assistance.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Do not give anything to drink. Seek medical assistance.
<b>Inhalation</b>	Remove patient to fresh air. If breathing becomes difficult get medical attention. Apply artificial respiration if not breathing.
<b>Advice to Doctor</b>	Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

<b>Hazard Type</b>	Non-flammable. May evolve toxic gases if strongly heated.
<b>Extinguishing Media</b>	Water fog, fine spray dry powder or carbon dioxide.
<b>Fire/Explosion Hazard</b>	Thermal decomposition may produce toxic gases. Exhibits violent reactions with oxidising materials.
<b>Precautions for firefighters</b>	Self-contained breathing apparatus. Safety boots, Chemical resistant overalls, gloves, helmet, and eye protection.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Minor Spills</b>	Wear protective equipment to prevent skin, eye, and respiratory exposure. Contain using sand, earth, or vermiculite.
<b>Major Spills</b>	Prevent by whatever means possible any spillage from entering drains, sewers, or water courses. (If this occurs contact your regional council immediately). Use absorbent (soil, sand, or other inert material). Rags are not recommended for the clean-up of spills, as they may create environmental hazards. Collect and seal absorbent in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services. Mop up and collect recoverable material into labelled into labelled containers for recycling or salvage. Recycle containers wherever possible. This material may be suitable for approved landfill. Dispose in accordance with all regulations.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Keep out of reach of children. Avoid contact with skin and eyes. Use personal protective equipment as required. Eating, drinking, and smoking in work areas is prohibited.
<b>Storage</b>	Store in original container tightly closed and in a locked dry, cool area away from foodstuffs and incompatible materials.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Substance	CAS Number	TWA (Ceiling)
2-Butoxyethanol	111-76-2	121mg/m <sup>3</sup>

**Product Name LOTUS COMMERCIAL FLOOR CLEANER**

<b>Engineering Controls</b>	General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in specific circumstances. Provide eyewash station and safety shower.
<b>Personal Protective Equipment</b>	
<b>Eyes</b>	Protect eyes with goggles or safety glasses that comply with AS/NZS 1336:2014
<b>Skin</b>	Avoid repeated or prolonged skin contact. Wear overalls, rubber boots and impervious gloves. Remove protective clothing and wash exposed areas with soap and water prior to eating, drinking, or using the toilet. Ensure all PPE complies with AS/NZS 2161.2:2022, AS/NZS 2210.3:2009 & AS/NZS 4501.1:2008
<b>Respiratory</b>	Use a P3 level respirator that complies with AS/NZS 1715:2009 when operating in enclosed space or where there is a risk of vapour generation during use.

---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

---

<b>Physical state</b>	Clear Liquid	<b>Upper explosive limit</b>	No data available
<b>Appearance</b>	Red	<b>Lower explosive limit</b>	No data available
<b>Odour</b>	Ammonical	<b>Vapour pressure</b>	No data available
<b>Odour threshold</b>	No data available	<b>Vapour density</b>	No data available
<b>Specific Gravity</b>	1.0 g/mL (approx.)	<b>Solubility in water</b>	Soluble
<b>pH as supplied</b>	9.0 – 10.5	<b>Partition coefficient n-octanol/water</b>	No data available
<b>Freezing point</b>	No data available	<b>Autoignition temperature</b>	No data available
<b>Boiling point</b>	No data available	<b>Decomposition temperature</b>	No data available
<b>Flash point</b>	No data available	<b>Kinematic Viscosity</b>	No data available
<b>Flammability</b>	No data available		

---

**10. STABILITY AND REACTIVITY**

---

<b>Chemical Stability</b>	Stable under normal storage conditions.
<b>Incompatible Materials</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	Carbon oxides (CO, CO <sub>2</sub> ), Nitrogen oxides
<b>Hazardous Polymerisation</b>	Polymerisation will not occur.

---

**11. TOXICOLOGICAL INFORMATION**

---

<b>Summary</b>	No specific data is available for this product. Toxicological data has been evaluated/calculated for the mixture. The product is considered to have the following potential health effects.
----------------	--

**Supporting Data**

<b>Acute</b>	<b>Oral</b>	The mixture is considered to be harmful if swallowed based on the quantities of components in the mixture which have oral toxicity classifications.
	<b>Dermal</b>	No data available
	<b>Inhaled</b>	No data available
	<b>Eye</b>	The mixture is considered to be damaging to the eyes based on the quantities of components in the mixture which have a damage classification.
	<b>Skin</b>	The mixture is considered to be irritating to the skin based on the quantities of components in the mixture which have corrosivity or irritancy classification.
<b>Chronic</b>	<b>Sensitisation</b>	The mixture is considered to be sensitising to the skin based on the quantities of components in the mixture which have sensitisation classifications.
	<b>Mutagenicity</b>	No data available
	<b>Carcinogenicity</b>	No data available
	<b>Reproductive/development</b>	No data available
	<b>Systemic</b>	No data available
	<b>Aggravation of existing conditions</b>	None known

**12. ECOLOGICAL INFORMATION**

---

<b>Summary</b>	No specific data is available for this product.
<b>Aquatic</b>	No data available
<b>Bioaccumulation</b>	Not expected to bio-accumulate.
<b>Degradability</b>	Expected to be rapidly degradable.
<b>Soil</b>	No data available
<b>Terrestrial vertebrate</b>	No data available
<b>Terrestrial invertebrate</b>	No data available

---

**13. DISPOSAL CONSIDERATIONS**

---

Rinse containers well with water before disposal. Preferably recycle container, otherwise send to an authorized landfill or similar in accordance with all relevant, local, regional, and national regulations.

---

**14. TRANSPORT INFORMATION**

---

<b>Road &amp; Rail Transport</b>	Not classified as dangerous goods by the criteria of NZS5433:2020 – Transport of Dangerous Goods on Land.
<b>Sea Transport</b>	Not classified as dangerous goods under the IMDG transport regulations.
<b>Air Transport</b>	Not classified as dangerous goods under the IATA/ICAO transport regulations.

---

**15. REGULATORY INFORMATION**

---

<b>NZ EPA Approval Code</b>	HSR002530 – Cleaning Products (Subsidiary) Group Standard 2020
<b>NZIoC</b>	All components are listed on the New Zealand Inventory of Chemicals.
<b>MPI Approval Code</b>	

**Trigger quantities for this substance**

	<b>Trigger Quantity</b>
<b>Certified Handler</b>	Not required.
<b>Location Certificate</b>	Not required.
<b>Tracking Trigger Quantities</b>	Not required.
<b>Signage Trigger Quantities</b>	1,000L (Serious Eye Damage 1)
<b>Emergency Response Plan Trigger Quantities</b>	1,000L (Acute Toxicity Oral 4, Skin Sensitisation 1A)

---

**16. OTHER INFORMATION**

---

<b>SDS Version Number</b>	1.0
<b>SDS Issue Date</b>	8 <sup>th</sup> March 2024
<b>SDS Review Date</b>	8 <sup>th</sup> March 2029
<b>SDS Regulation</b>	The content and format of this SDS is in accordance with HSNO COP 8-1 09-0-6: HSNO Approved Code of Practice – Preparation of Safety Data Sheets.
<b>Disclaimer</b>	This document is compiled based on current knowledge as provided by the suppliers or information obtained from third party sources relating to the hazard classification, safety, and handling precautions for this product. Dowco Associates Ltd has taken all due care to include accurate and up-to-date information in this document and does not provide any warranty as to accuracy or completeness. The information herein is given in good faith but no warranty, express or implied is made.

**Product Name**    **LOTUS COMMERCIAL FLOOR CLEANER**

**Abbreviations:**

AS/NZS	Joint Australian-New Zealand standard
CAS	Chemical Abstracts Service (Registry Number)
EPA	Environmental Protection Authority
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Regulations
NZIoC	New Zealand Inventory of Chemicals
NZS	New Zealand Standard
TWA	Time Weighted Average