

Section 1 - Identification

Product Name **Glass Cleaner**
Recommended Use **Glass Cleaner**

Product Code Reference <small>(Name from Manufacturer)</small>	Glass Cleaning Agent
Address	Luxxio Limited 5/9 Porana Road, Wairau Valley, Auckland, New Zealand
Emergency Tel.	0800 764 766 (POISON)
Telephone	Tel: +64 0800 589 946
E-mail address	sales@luxxio.co.nz

Section 2 - Hazard(s) Identification

6.1D (Oral) Acutely Toxic
6.4A Irritating to the eye
9.1D Slightly harmful in the aquatic environment or are otherwise designed for biocidal action
9.3C Harmful to terrestrial vertebrates

Code: Hazard Statements:
H315 Causes skin irritation
H319 Causes serious eye irritation
H318 Causes serious eye damage
H413 May cause long lasting harmful effects to aquatic life

Prevention Statement:

- Keep out of reach of children
- Read label before use
- Wear protective gloves and eye/face protection
- Wash hand thoroughly after handling
- Avoid release to the environment

Response Statement:

- If medical advice is needed, have product container or label at hand
- If on skin wash with plenty of soap and water
- Take off contaminated clothing and wash before re-use
- If skin irritation occurs, get medical advice
- If in eyes; rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists; get medical advice/attention
- Immediately call a POISON CENTRE or doctor/physician

Storage Statement:

- No storage statement

Disposal Statement:

- Dispose through licensed disposal contractor

Section 3 - Composition and Information on Ingredients

Component	CAS-No	Weight %
Sodium lauryl polyoxyethylene ether sulfate	9004-82-4	60%
Distilled water		40%

Section 4 - First Aid Measures

Inhalation	Move patient to fresh air. Monitor for respiratory distress. If cough or difficulty breathing develops, evaluate for respiratory tract irritation, bronchitis, or pneumonitis. Administer oxygen and assist ventilation as required. Treat bronchospasm with beta2 agonist and corticosteroid aerosols.
Ingestion	Do not induce vomiting. Keep affected person warm and quiet and seek medical attention. Observe patients with ingestion carefully for the possible development of esophageal or gastrointestinal tract irritation or burns. If signs or symptoms of esophageal irritation or burns are present, consider endoscopy to determine the extent of injury. Patient should be evaluated for burns to the mouth and esophagus following ingestion of low phosphate detergents which are generally more alkaline.
Skin Contact	Remove contaminated clothing, wash exposed area with copious amounts of water. A physician should examine the area if irritation or pain persists.
Eye Contact	Irrigate exposed eyes with copious amounts of tepid water for at least 15 minutes. If irritation, pain, swelling, lacrimation, or photophobia persist, the patient should be seen in a health care facility.
Protection of First-aiders	Ensure that medical personnel are aware of the material(s) involved. Also to protect themselves and prevent spread of contamination.
Notes to Physician	Treat symptomatically. Symptoms may be delayed.

Section 5 - Fire Fighting Measures

Flash point (Method):	Not available
Autoignition Temperature:	500°C
Flammability Limits in Air(%):	UEL:Not available LEL:Not available
Fire Extinguishing Media:	Not burning
Fire fighting procedures:	Put it down lightly, protect from overflowing
Other fire or explosion hazards:	Not available.
Fire-fighting equipment/instructions:	Move containers from fire area if you can do so without risk
Suitable extinguishing media:	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use agent most appropriate to extinguish fire.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained

Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions Avoid release to the environment.

Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and Storage

Precautions for safe handling

Do not taste or swallow. Avoid contact with skin. Avoid contact with eyes. Avoid contact with clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains.

Storage: Keep in a cool, dry location in a tightly sealed container.

Handling: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five-gallon pails and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded when material is transferred.

Section 8 - Exposure Controls and Personal Protection

Occupational exposure limits No exposure limits noted for ingredient(s).
 Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Hand protection	Wear appropriate chemical resistant gloves.
Skin protection	Wear appropriate chemical resistant clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Not available.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Component of surfactant for household detergents, surfactant for shampoos & bubble baths.

Appearance:	Blue / Clear
Odour:	Mint
Physical State:	Liquid
Odour threshold :	Not available
Boiling range(°C) :	Not applicable
Melting/Freezing point(°C) :	80-100
Vapour pressure :	Not applicable
Specific gravity:	Not applicable
Vapour density :	Not applicable
Bulk density :	660-700 kg/m ³
Evaporation rate :	Not applicable
Solubility :	Soluble in water
Volatile by volume :	Negligible
PH :	6-8
Coefficient of Water/Oil Distribution :	Negligible
Sensitivity to mechanical impact:	None
Rate of Burning :	Not available
Explosive power:	Not available
Sensitivity to static discharge :	None

Other information

Molecular Formula	C ₁₂ H ₂₅ NaO ₃ S
Molecular Weight	Not applicable

Section 10 - Stability and Reactivity

Stability:	
Under normal conditions :	Stable
Under Fire Conditions:	Stable
Hazardous polymerization:	Not Available
Conditions to avoid:	Not Available
Materials to avoid :	Not Available
Combustion products:	None
Incompatibilities:	Strong oxidizing agents
Decomposition:	Carbon dioxide and carbon monoxide, sulfur dioxide, various hydrocarbons

Section 11 - Toxicological Information

Information on Toxicological Effects

No adverse health effects expected if the product is handled in accordance with the safety data sheet.

Product Information

Toxicological data :	This product has not been tested.
Carcinogenicity data:	The ingredients of this product found at a level above 0.1% are not Carcinogens.
Reproductive effects :	The ingredients of this product are not reproductive toxins
Mutagenicity data :	The ingredients of this product are not mutagenic.
Teratogenicity data :	The ingredients of this product are not teratogenic.
Synergistic materials:	None

Section 12 - Ecological Information

Environmental Effects: NONE

Deactivating Chemicals: Wildlife. Not required

Biodegradability: YES

Section 13 - Disposal Considerations

Waste Disposal Methods:

Dispose of waste material at a suitable landfill site, or at an approved waste incineration facility in accordance with applicable local, provincial, state, and federal regulations.

Section 14 - Transport Information

Transport:	Not classified as a dangerous goods
UN Number:	None Allocated
DG Class:	None Allocated
Packing Group:	None Allocated
DOT Classification:	Non-regulated commodity
SHIPPING(Under the TDG Act):	Not regulated

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

WHMIS Classification:	Not controlled.
SARA Status:	Not reportable
CONEG Status:	Complies with regulation
Ozone Depleting Substances:	None
Korea Prop.65 Status:	Complies with regulation
Domestic Substance List(DSL):	Listed

Section 16 - Other Information

This MSDS summarises our best knowledge of the health and safety hazard information. Since we cannot control the conditions under which the product may be used, each user must review this MSDS in the context of how the user intends to use the product.

HMIS Rating:	
Health=	2
Flammability=	0
Reactivity=	1

New Zealand National Poison Information Centre: 0800 764 766

New Zealand Emergency Services: 111

Revision Date	04/05/19
Revision Summary	Update

End of Safety Data Sheet