

SAFETY DATA SHEET



Date Prepared : 01/10/2019
 SDS No : LH100301 G&M
 Date Revised : 02/12/2019
 Revision No : 4

Lighthouse Bio-based Glass & Mirror Cleaner with Anti-Fog

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Lighthouse Bio-based Glass & Mirror Cleaner with Anti-Fog

GENERAL USE: Hard surface cleaner

PRODUCT DESCRIPTION: Glass & Mirror Cleaner

CHEMICAL FAMILY: Mixture

NSN: 7930-00-901-2088 (1 Gallon)

Unit of Issue: 1 Gallon = 6/Box

MANUFACTURER

Lighthouse for the Blind and Visually Impaired

1155 Market Street, 10th Floor

San Francisco, CA 94103

Customer Service: 415-431-1481

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800-5553

CANUTEC (Canadian Transportation) : (613) 996-6666

CHEMTREC (US Transportation) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Not classified as a dangerous substance / mixture according to GHS standards.

GHS LABEL

Read label before use.

PRECAUTIONARY STATEMENTS

General:

Individuals with sensitive skin should wear gloves when handling.

Wash hands before eating and wash before reuse.

Substance may be harmful if swallowed.

POTENTIAL HEALTH EFFECTS

EYES: Mildly irritating to the eyes.

SKIN: Prolonged or repeated contact may cause skin irritation.

SKIN ABSORPTION: None Expected.

INGESTION: Nausea, diarrhea, gastrointestinal irritation

INHALATION: Can irritate mouth, throat.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Water	~ 75 - 85	7732-18-5
Alkyl Polyglycoside	~ 5 - 15	68515-73-1
Tripropylene Glycol Monobutyl Ether	~ 2 - 8	55934-93-5
Sodium iminodisuccinate	~ 2 - 5	144538-83-0
Surfactant Blend	~ 2 - 5	

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

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SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation, redness, watering eyes

SKIN: Irritation, defatting and drying out skin.

SKIN ABSORPTION: None Expected.

INGESTION: Nausea, diarrhea, gastrointestinal irritation

INHALATION: Can irritate mouth, throat.

ACUTE EFFECTS: None known.

CHRONIC EFFECTS: None known.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, sulfur

FIRE FIGHTING PROCEDURES: Fight fire with normal precautions from a reasonable distance.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Pick up wash liquid with additional absorbent and place in a disposable container.

LARGE SPILL: Dike area in front of spill and contain for appropriate disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Not Established

LAND SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

AIR SPILL: None Expected.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use good industrial practice.

HANDLING: Individuals with sensitive skin should wear gloves when handling.

STORAGE: Store in a well-ventilated place. Keep cool.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Eye protection can mitigate potential irritation from mist / spray.

SKIN: Individuals with sensitive skin should wear gloves when handling.

RESPIRATORY: No special requirements

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PROTECTIVE CLOTHING: Use personal protective equipment as required.

WORK HYGIENIC PRACTICES: Wash hands before eating and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)
Tripropylene Glycol Monobutyl Ether	277

PHYSICAL STATE: Clear liquid

ODOR: Odor : Mild

COLOR: Blue

pH: ~ 8 to 9

PERCENT VOLATILE: 85 - 90

FLASH POINT AND METHOD: None to boiling

FLAMMABLE LIMITS: 0 to 0

AUTOIGNITION TEMPERATURE: Not yet Determined

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Not Established

BOILING POINT: (210°F) to (220°F)

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Not yet Determined

SPECIFIC GRAVITY: ~ 1 to 1.03

(VOC): Meets CARB LVP-VOC for VOC exempt status.

10. STABILITY AND REACTIVITY

REACTIVITY: None Expected.

HAZARDOUS POLYMERIZATION: Will not occur

STABILITY: Stable.

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen, sulfur

INCOMPATIBLE MATERIALS: Oxidizing materials.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
Tripropylene Glycol Monobutyl Ether	2600 to 3100	> 2000

ORAL LD₅₀: ~

INHALATION LC₅₀: Not yet Determined

12. ECOLOGICAL INFORMATION

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ECOTOXICOLOGICAL INFORMATION: Expected to biodegrade

BIOACCUMULATION/ACCUMULATION: Not yet Determined

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Always check with local authorities regarding disposal of chemical products

FOR LARGE SPILLS: Dike area in front of spill and contain for appropriate disposal.

EMPTY CONTAINER: Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Compounds, cleaning liquid,
 NOT DOT Regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Water	7732-18-5
Alkyl Polyglycoside	68515-73-1
Tripropylene Glycol Monobutyl Ether	55934-93-5
Sodium iminodisuccinate	144538-83-0
Surfactant Blend	

TSCA STATUS: All components are listed on the TSCA inventory

CALIFORNIA PROPOSITION 65: No components listed

16. OTHER INFORMATION

PREPARED BY: G.Westlund **Date Revised:** 02/12/2019

REVISION SUMMARY: This SDS replaces the 12/17/2018 SDS.

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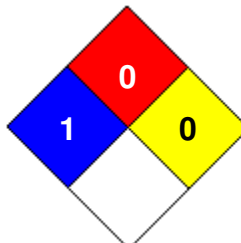
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HMIS RATING

HEALTH		1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES



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