

# SAFETY DATA SHEET



Date Prepared : 06/19/2019  
SDS No : 100301 (LH)

## Lighthouse Bio-Based Glass & Mirror Cleaner w/ Anti-Fog

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Lighthouse Bio-Based Glass & Mirror Cleaner w/ Anti-Fog

**GENERAL USE:** Hard surface cleaner

**PRODUCT DESCRIPTION:** Glass & Mirror Cleaner

**CHEMICAL FAMILY:** Mixture

#### 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
Dipropylene Glycol Butoxy Ether	2 - 8	29911-28-2
Glycine, N-methyl-n-(1-oxododecyl)-, Sodium Salt	~ 2 - 8	137-16-6
Sodium iminodisuccinate	~ 2 - 5	144538-83-0
Linear Primary Alcohol Ethoxylate	~ 1 - 3	68439-46-3
C12-13 Alcohol Ethoxylate	~ 1 - 3	66455-14-9
C.I. Acid Blue 80	~ 0.001 - 0.01	4474-24-2

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### 4. FIRST AID MEASURES

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

**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:** 1: Slightly water polluting substance.

**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.

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

**RESPIRATORY:** No special requirements

**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)
Linear Primary Alcohol Ethoxylate	334

**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 <sub>50</sub>	DERMAL LD <sub>50</sub>
Dipropylene Glycol Butoxy Ether	3700 to 4400	> 2000
Linear Primary Alcohol Ethoxylate	1400 to 2700	> 4000

**ORAL LD<sub>50</sub>:** ~

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**INHALATION LC<sub>50</sub>:** Not yet Determined

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Expected to biodegrade readily.

**ECOTOXICOLOGICAL INFORMATION:** Not yet Determined

**BIOACCUMULATION/ACCUMULATION:** Not yet Determined

**AQUATIC TOXICITY (ACUTE):** Aquatic toxicity is not indicated based upon testing against Daphnia Magna.

**48-HOUR EC<sub>50</sub>:** > 100 NOEL & LOEL > 100 mg/L nominal loading rate.

### 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
Dipropylene Glycol Butoxy Ether	29911-28-2
Glycine, N-methyl-n-(1-oxododecyl)-, Sodium Salt	137-16-6
Sodium iminodisuccinate	144538-83-0
Linear Primary Alcohol Ethoxylate	68439-46-3

**TSCA STATUS:** All components are listed on the TSCA inventory

**CALIFORNIA PROPOSITION 65:** No components listed

### 16. OTHER INFORMATION

**PREPARED BY:** G.Westlund **Date Prepared:** 06/19/2019

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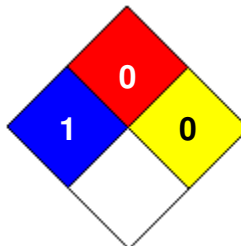
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#### HMIS RATING

HEALTH		1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

#### NFPA CODES



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