# **SAFETY DATA SHEET**



**GLASS CLEANER** 

## Section 1. Chemical product and company identification

**Product name** 

: GLASS CLEANER

Recommended use and

Recondinenced use and

: Glass Cleaner

restrictions

Use only for the purpose on the product label.

Product dilution information: Up to 8 oz/gal or 62.5 mL/L in water

Supplier's information

: Ecolab Inc. Institutional Division

370 N. Wabasha Street St. Paul, MN 55102 1-800-352-5326

Code

: 914266-03

Date of issue

: 16 Dec 2013

EMERGENCY HEALTH INFORMATION: 1-800-328-0026

Outside United States and Canada CALL 1-651-222-5352 (in USA)

### Section 2. Hazards identification

**Product AS SOLD** 

**GHS Classification** 

: SERIOUS EYE DAMAGE/ EYE IRRITATION -

Category 2B

**GHS label elements** 

Signal word

: Warning

**Hazard statements** 

: Causes eye irritation.

**Precautionary statements** 

Prevention

: Wash hands thoroughly after handling.

Response

: 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 attention.

Storage

: No other specific measures identified.

Disposal

: See section 13 for waste disposal information.

Other hazards

: None known.

**Product AT USE DILUTION** 

Not classified.

No signal word.

No known significant effects or critical

hazards.

Wash thoroughly after handling.

Get medical attention if symptoms appear.

No other specific measures identified.

See section 13 for waste disposal

information.

None known.

## Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

**Product AS SOLD** 

**Hazardous ingredients** 

**Concentration Range (%)** 

**CAS** number

d-glucopyranose, oligomeric, decyl octyl glycosides

5 - 20

68515-73-1

Fragrance.

<1

Mixture

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# Section 3. Composition/information on ingredients

**Product AT USE DILUTION** 

Hazardous ingredients Concentration Range (%) CAS number

Fragrance. <1 Mixture

### Section 4. First aid measures

**Product AS SOLD** 

**Eye contact**: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing. Get medical attention if

irritation persists.

Skin contact: No known effect after skin contact. Rinse with

water for a few minutes.

Inhalation : No special measures required. Treat

symptomatically.

Ingestion : Get medical attention if symptoms occur.

No special measures required. Treat

No known effect after skin contact. Rinse

No known effect after eye contact. Rinse with

Product AT USE DILUTION

with water for a few minutes.

water for a few minutes.

symptomatically.

Get medical attention if symptoms occur.

Protection of firstaiders : No action shall be taken involving any personal risk or without suitable training. It may be

dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have

been ingested or inhaled.

See toxicological information (section 11)

## Section 5. Fire-fighting measures

**Product AS SOLD** 

Suitable fire extinguishing

media

Specific hazards arising

from the chemical

Hazardous thermal decomposition products

Specific fire-fighting

methods

memous

Special protective equipment for fire-fighters

: Use water spray, fog or foam.

: In a fire or if heated, a pressure increase will occur and the container may burst.

: No specific data.

: Promptly isolate the scene by removing all persons from the vicinity of the incident if

there is a fire. No action shall be taken involving any personal risk or without

suitable training.

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

### **Product AS SOLD**

Personal precautions Environmental

: Use personal protective equipment as required.

: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Methods for cleaning up

precautions

: Use a water rinse for final clean-up.

#### **Product AT USE DILUTION**

Use personal protective equipment as required.

Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Use a water rinse for final clean-up.

## Section 7. Handling and storage

**Product AS SOLD** 

Handling

Storage

: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

: Keep out of reach of children. Keep container tightly closed.

Store between the following temperatures: 5 and

**Product AT USE DILUTION** 

Wash thoroughly after handling.

Keep out of reach of children.

**Product AT USE DILUTION** 

contaminants.

normal use conditions.

normal use conditions.

normal use conditions.

Good general ventilation should be sufficient

to control worker exposure to airborne

No protective equipment is needed under

No protective equipment is needed under

No protective equipment is needed under

intended conditions of product use.

A respirator is not needed under normal and

## Section 8. Exposure controls/personal protection

### Control parameters

**Exposure limits** Ingredient name None.

**Product AS SOLD** 

**Appropriate** engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection

Eye protection

: No protective equipment is needed under normal use conditions.

Hand protection

: No protective equipment is needed under normal use conditions.

Skin protection

: No protective equipment is needed under normal

use conditions.

Respiratory protection

: A respirator is not needed under normal and intended conditions of product use.

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

## Section 9. Physical and chemical properties

**Product AS SOLD** 

Physical state

: Liquid.

Color Odor

: Blue : Fragrance-like

Ha

: 10.9 (100%) : > 100°C

Flash point

Product does not support combustion.

**Explosion limits** 

: Not available.

Flammability (solid, gas)

: Not available.

**Melting point Boiling point** 

: Not available. : 100°C (212°F)

**Evaporation rate** (butyl acetate = 1) : Not available.

Vapor pressure

: Not available. : Not available.

Vapor density Relative density

: 0.99 to 1.05 (Water = 1)

**Product AT USE DILUTION** 

Liquid.

Blue

Fragrance-like

7.2 to 7.9 > 100°C

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## Section 9. Physical and chemical properties

Solubility : Easily soluble in the following materials: cold

water and hot water.

Partition coefficient: : Not available.

n-octanol/water

**Auto-ignition** 

: Not available.

temperature

Decomposition

: Not available.

temperature

**Odor threshold** : Not available.

Viscosity : Kinematic (room temperature): 0 cm<sup>2</sup>/s (0 cSt)

# Section 10. Stability and reactivity

**Product AS SOLD** 

Stability

: The product is stable.

Possibility of hazardous

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

: No specific data.

Materials to avoid

: Not available.

Hazardous decomposition

products

reactions

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

Product AS SOLD

**Symptoms** 

Eye contact : Adverse symptoms may include the following:

> irritation watering redness

Skin contact

: No specific data. : No specific data.

Inhalation Ingestion

: No specific data.

Acute toxicity

Eye contact : Causes eye irritation.

Skin contact

: No known significant effects or critical hazards.

Inhalation

: No known significant effects or critical hazards.

Ingestion

: No known significant effects or critical hazards.

Product AT USE DILUTION

No specific data.

No specific data.

No specific data.

No specific data.

No known significant effects or critical

hazards.

### Toxicity data

Product/ingredient name

d-glucopyranose, oligomeric, decyl octyl

LD50 Dermal

Rabbit >2000 mg/kg

glycosides

LD50 Oral

Rat

>5000 ma/ka

Chronic toxicity

Carcinogenicity

: No known significant effects or critical hazards. : No known significant effects or critical hazards.

Mutagenicity **Teratogenicity** 

: No known significant effects or critical hazards.

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## Section 11. Toxicological information

**Developmental effects** 

: No known significant effects or critical hazards.

Fertility effects

: No known significant effects or critical hazards.

## **Section 12. Ecological information**

**Product AS SOLD** 

Ecotoxicity

: No known significant effects or critical hazards.

Aquatic and terrestrial toxicity

Product/ingredient name

Result

Species

**Exposure** 

d-glucopyranose, oligomeric, decyl octyl

Acute EC50 18 mg/l

Aquatic plants

72 hours

glycosides

Other adverse effects

: No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Product AS SOLD** 

Disposal methods

: Diluted product can be flushed to sanitary sewer.

Discard empty container in trash.

### **Product AT USE DILUTION**

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

## **Section 14. Transport information**

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

<u>DOT</u>

**DOT Classification** 

Not regulated.

**IMO/IMDG** 

**IMO/IMDG Classification** 

Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

### Product AT USE DILUTION

Not intended for transport.

## **Section 15. Regulatory information**

**Product AS SOLD** 

### **U.S. Federal regulations**

TSCA 8(b) inventory

Form R - Reporting

: All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance SARA 302/304 emergency planning and notification: No listed substance

**SARA 313** 

Product name

CAS number Concentration

: No listed substance

requirements

: No listed substance

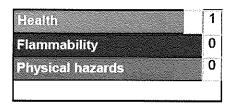
California Prop. 65

**GLASS CLEANER** 

### **Section 16. Other information**

**Product AS SOLD** 

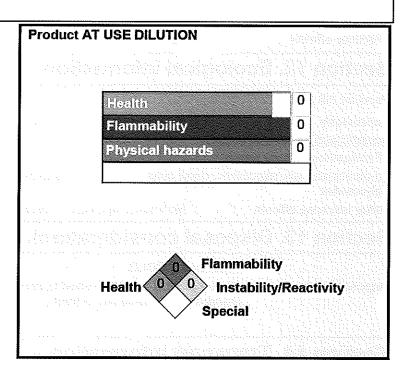
**Hazardous Material** Information System (U.S.A.)



**National Fire Protection** Association (U.S.A.)



Date of issue : 16 Dec 2013 Prepared by : Regulatory Affairs 1-800-352-5326



### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.



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