

Material Safety Data Sheet

GLASS CLEANER



1. Product and company identification

Trade name of product : GLASS CLEANER

Product use : Glass Cleaner

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 : 10-January-2013

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

2. Hazards identification

Product AS SOLD

Physical state : Liquid.

Emergency overview : CAUTION !

MAY CAUSE EYE IRRITATION.
Avoid contact with eyes. Wash thoroughly after handling.

Potential acute health effects

Product AS SOLD

Eyes : Moderately irritating to eyes.

Skin : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

See toxicological information (Section 11)

Product AT USE DILUTION

Liquid.

CAUTION !

MAY CAUSE EYE IRRITATION.
Avoid contact with eyes. Wash thoroughly after handling.

Product AT USE DILUTION

Slightly irritating to the eyes.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

3. Composition/information on ingredients

Product AS SOLD

Name	CAS number	% by weight
d-glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	5 - 20
Fragrance.	Mixture	<1

Product AT USE DILUTION

Name	CAS number	% by weight
Fragrance.	Mixture	<1

4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.	Rinse with water for a few minutes.
Skin contact	: No known effect after skin contact. Rinse with water for a few minutes.	No known effect after skin contact. Rinse with water for a few minutes.
Inhalation	: No special measures required. Treat symptomatically.	No special measures required. Treat symptomatically.
Ingestion	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products : No specific data.

Fire-fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

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

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

6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
Personal precautions	: Use personal protective equipment as required.	Use personal protective equipment as required.
Environmental precautions	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
Methods for cleaning up	: Use a water rinse for final clean-up.	Use a water rinse for final clean-up.

7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
Handling	: Avoid contact with eyes. Wash thoroughly after handling.	Avoid contact with eyes. Wash thoroughly after handling.
Storage	: Keep out of reach of children. Store in a closed container. Do not store above the following temperature: 50°C	Keep out of reach of children. Store in a closed container.

8. Exposure controls/personal protection

	Product AS SOLD	Product AT USE DILUTION
Engineering measures	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal protection		
Eyes	: Eye protection should be used when splashing may occur.	No protective equipment is needed under normal use conditions.
Hands	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
Skin	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.

8. Exposure controls/personal protection

Respiratory : No special protection is required.

No special protection is required.

Consult local authorities for acceptable exposure limits.

9. Physical and chemical properties

Product AS SOLD

Physical state : Liquid.
Flash point : > 100°C
Product does not support combustion.
Color : Blue
Odor : Fragrance-like
pH : 10.9 [Conc. (% w/w): 100%]
Boiling/condensation point : 100°C (212°F)
Relative density : 0.99 to 1.05
Solubility : Easily soluble in the following materials: cold water and hot water.

Product AT USE DILUTION

Liquid.
> 100°C

Blue
Fragrance-like
7.2 to 7.9

10. Stability and reactivity

Product AS SOLD

Stability : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.

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

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

11. Toxicological information

Potential acute health effects

Product AS SOLD

Eyes : Moderately irritating to eyes.
Skin : 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

Slightly irritating to the eyes.
No known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

Product AS SOLD

Waste disposal : 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.

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.

Product AS SOLD

DOT

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.

15. Regulatory information

Product AS SOLD

HCS : Irritating material
Classification

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory : 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

Form R - Reporting : No listed substance
requirements

California Prop. 65 : No listed substance

Product AT USE DILUTION

Not regulated.

16. Other information

Product AS SOLD

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

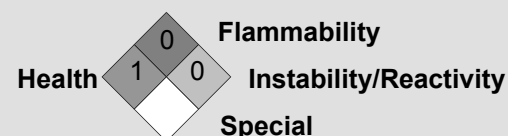
Health	1
Flammability	0
Physical hazards	0

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



Product AT USE DILUTION

Health	1
Flammability	0
Physical hazards	0



16. Other information

Date of issue : 10-January-2013
Responsible name : Regulatory Affairs
1-800-352-5326

▣ Indicates information that has changed from previously issued version.

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.