Material Safety Data Sheet



GLASS CLEANER CONCENTRATE

1. Product and company identification

Trade name of product : GLASS CLEANER CONCENTRATE

Product use : Glass Cleaner

Product dilution information: Up to 12.5 oz/gal or 98 mL/L in water

Supplier's information: Ecolab Healthcare Division

370 Wabasha Street N St. Paul MN 55102 5105 Tomken Road Mississauga ON L4W 2X5

1-866-781-8787

Code : 914266-05

Date of issue : 16-January-2014

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 : WARNING!

overview

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes. Wash thoroughly after

handling.

Routes of entry : Skin contact, Eye contact, Inhalation, Ingestion

Potential acute health effects

Product AS SOLD

Eyes : Slightly irritating to the 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

Product AT USE DILUTION

No known significant effects or critical

hazards.

Liquid.

CAUTION!

No specific hazard. No specific hazard.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

See toxicological information (Section 11)

3. Composition/information on ingredients

Product AS SOLD

Name CAS number % by weight

d-glucopyranose, oligomeric, decyl octyl glycosides 68515-73-1 5- 10

Product AT USE DILUTION

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

4. First-aid measures

Product AS SOLD

Eye contact : Rinse with water for a few minutes.

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

for a few minutes.

Inhalation : No special measures required. Treat symptomatically.

: Get medical attention if symptoms occur. Ingestion

Product AT USE DILUTION

No known effect after eye contact. Rinse with water for a few minutes.

No known effect after skin contact. Rinse

with water for a few minutes.

No special measures required. Treat

symptomatically.

Get medical attention if symptoms occur.

Fire-fighting measures 5.

Product AS SOLD

Auto-ignition temperature : Not available. : Not available. Flammable limits **Hazardous thermal** : No specific data.

decomposition products

Special remarks on fire hazards : Not available. Special remarks on explosion : Not available.

hazards

Fire-fighting media and

instructions

: Use an extinguishing agent suitable for the surrounding fire.

Dyke 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

Personal precautions : Use personal protective equipment as required.

Environmental precautions

: Avoid contact of large amounts of spilt material and

runoff with soil and surface waterways.

Methods for cleaning up

: Use a water rinse for final clean-up.

Product AT USE DILUTION

Use personal protective equipment as required.

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

Use a water rinse for final clean-up.

Handling and storage 7.

Product AS SOLD

Handling : Avoid contact with eyes. Wash thoroughly after

handling.

Storage : Keep out of reach of children. Store in a closed

container.

Store between the following temperatures: 5 and 50°C

Product AT USE DILUTION

Wash thoroughly after handling.

Keep out of reach of children.

8. Exposure controls/personal protection

Product AS SOLD

Engineering measures

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection

Eyes : No protective equipment is needed under normal use

conditions.

Hands: No protective equipment is needed under normal use

conditions.

Skin: No protective equipment is needed under normal use

conditions.

Respiratory: No special protection is required.

Product AT USE DILUTION

Good general ventilation should be sufficient to control worker exposure to airborne

contaminants.

No protective equipment is needed under

normal use conditions.

No protective equipment is needed under

normal use conditions.

No protective equipment is needed under

normal use conditions.

No special protection is required.

| Occupational exposure limits | | TWA (8 hours) | | | STEL (15 mins) | | | Ceiling | | | |
|--------------------------------|-----------|---------------|-------|-------|----------------|-------|-------|---------|-------|-------|-----------|
| Ingredient | List name | ppm | mg/m³ | Other | ppm | mg/m³ | Other | ppm | mg/m³ | Other | Notations |
| No exposure limit value known. | | | | | | | | | | | |

Consult local authorities for acceptable exposure limits.

Physical and chemical properties

Product AS SOLD

Physical state : Liquid. Flash point : > 100°C

Product does not support combustion.

Colour : Blue.

Odour : Fragrance-like

pH : 10.9 [Conc. (% w/w): 100%]

Boiling/ : 100°C (212°F)

condensation

point

Melting/freezing: Not available.

point

Relative density : 0.99 to 1.05
Vapour pressure : Not available.
Vapour density : Not available.
Odour threshold : Not available.
Evaporation rate : Not available.

Viscosity : Kinematic (room temperature): 0 cm²/s (0 cSt)

Dispersibility

properties

: Not available.

Solubility: Easily soluble in the following materials: cold water

and hot water.

LogK_{ow}: Not available.

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

polymerisation will not occur.

Conditions of instability : Not available.

Reactivity : Not available.

Hazardous decomposition

products

: Under normal conditions of storage and use, hazardous decomposition products should

not be produced.

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

11. Toxicological information

Potential acute health effects

Product AS SOLD

Eyes : Slightly irritating to the 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

No known significant effects or critical

hazards.

Product AS SOLD

Potential chronic health effects

Carcinogenic effects
 Mutagenic effects
 No known significant effects or critical hazards.
 Teratogenic effects
 No known significant effects or critical hazards.
 Reproductive effects
 No known significant effects or critical hazards.
 Sensitization to Product
 No known significant effects or critical hazards.
 No known significant effects or critical hazards.

Synergistic products

(toxicologically)

: Not available.

Toxicity data

| Product/ingredient name | Test | Route | Result | Species |
|---|------|--------|-------------|---------|
| d-glucopyranose, oligomeric, decyl octyl glycosides | LD50 | Dermal | >2000 mg/kg | Rabbit |
| | LD50 | Oral | >5000 mg/kg | Rat |

Other adverse effects

Target organs : Not available.

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

TDG

TDG 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

Product AT USE DILUTION

WHMIS: Not hazardous by WHMIS criteria.

Not hazardous by WHMIS criteria.

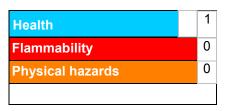
Canada inventory : All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. Other information

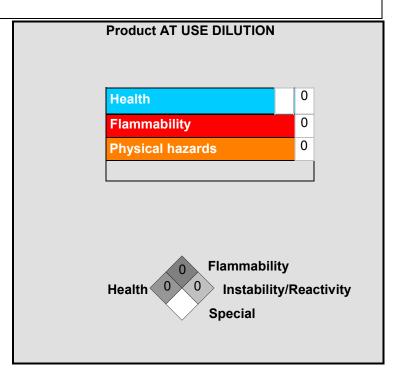
Product AS SOLD

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



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





Date of issue : 16-January-2014
Responsible name : Regulatory Affairs
1-800-352-5326

▼ Indicates information that has changed from previously issued version.

Notice to reader

16. Other information

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.