

Conforms to EU Directive 91/155/EEC, as amended by 2001/58/EC

GLASSCARE 40

Code : 103656E

Version : 1

Date of issue : 10 April 2006

1. Identification of product and company**Identification of the substance or preparation**

Product name : **GLASSCARE 40**
 Product use : Glass Cleaner
 Product is for professional use only

Company/undertaking identification**2. Composition/information on ingredients****Ingredient declaration according to detergent regulation 648/2004/EC:**

≥15 - <30% non-ionic surfactants

Contains Perfumes: (Hexyl Cinnamal, Limonene, Butylphenyl Methylpropional)

Substance/preparation : Preparation

| Ingredient name | EINECS | CAS | % | Classification |
|---|-----------|------------|---------|--------------------------|
| Propan-2-ol | 200-661-7 | 67-63-0 | 25 - 30 | F; R11 Xi; R36 R67 |
| Fattyalcohol ethoxylates > 5EO | 500-201-8 | 68213-23-0 | 5 - 10 | Xn; R22 Xi; R41 |
| Alkylpolyglycosides | 500-220-1 | 68515-73-1 | 5 - 10 | Xi; R41 |
| See section 16 for the full text of the R-phrases declared above | | | | |

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : R10
 Xi; R41
 R67

Physical/chemical hazards : Flammable.

Human health hazards : Risk of serious damage to eyes.
 Vapours may cause drowsiness and dizziness.

See section 11 for more detailed information on health effects and symptoms.

4. First-aid measures**First-aid measures**

Inhalation : If inhaled, remove to fresh air.
Ingestion : Do not induce vomiting unless directed to do so by medical personnel. If swallowed, rinse mouth with water (only if the person is conscious).
Skin contact : Flush contaminated skin with plenty of water.
Eye contact : In case of contact with eyes, rinse immediately with plenty of water. Get medical attention immediately.
Specific treatments : Not available.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing media** : In case of fire, use water spray (fog), foam, dry chemical, or CQ
- Special exposure hazards** : Flammable liquid and vapour. Vapour may cause flash fire.
- Special protective equipment for fire-fighters** : Fire-fighters should wear proper protective equipment.

6. Accidental release measures

- Personal precautions** : Large spill and leak Immediately contact safety personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Do not touch or walk through spilled material.
- Environmental precautions and clean-up methods** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
- SMALL SPILL Rinse with plenty of running water. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Do not get in eyes, on skin or on clothing. Avoid breathing vapour or mist. Keep away from heat, sparks and flame. Handle and open container with care.
- Storage** : Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
Store between -5 and 40°C
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

8. Exposure controls/personal protection

| <u>Ingredient name</u> | <u>Occupational exposure limits</u> |
|------------------------|--|
| propan-2-ol | ACGIH TLV (United States, 1/2005). STEL: 400 ppm 15 minute/minutes. Form: All forms TWA: 200 ppm 8 hour(s). Form: All forms |

Exposure controls

- Occupational exposure controls** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.
- Respiratory protection (EN 143, 141)** : A respirator is not needed under normal and intended conditions of product use.
- Hand protection (EN 374)** : 1-4 hour(s) (breakthrough time): butyl rubber , nitrile rubber
- Eye protection (EN 166)** : Safety glasses.Goggles, face shield, or other full-face protection.
- Skin protection (EN 467)** : No special recommendations.

9. Physical and chemical properties

General information

- Appearance**
- Physical state** : Liquid.
- Colour** : Blue. (Dark.)
- Odour** : Fragrance-like.

Important health, safety and environmental information

- pH** : 10 (100%)
- Boiling point** : Not available.
- Melting point** : Not available.

GLASSCARE 40

| | |
|--------------------------------------|--|
| Flash point | : 25 °C (Closed cup) |
| Flammability (solid, gas) | : Not applicable. |
| Explosive properties | : Not applicable. |
| Explosion Limits | : Not applicable. |
| Oxidising properties | : Not available. |
| Vapour pressure | : Not applicable. |
| Relative density | : 0.96 g/cm ³ (20 °C) |
| Solubility | : Easily soluble in cold water, hot water. |
| Octanol/water partition coefficient | : Not applicable. |
| Viscosity | : Not available. |
| Vapour density | : Not available. |
| Evaporation rate (butyl acetate = 1) | : Not applicable. |

10. Stability and reactivity

| | |
|--------------------|---|
| Stability | : Stable under normal conditions. |
| Materials to avoid | : Non-reactive or compatible with the following materials: organic materials, metals, acids, alkalis and moisture. Do not mix with other products. |

11. Toxicological information

Potential acute health effects

| | |
|-----------------------|---|
| Inhalation | : Harmful by inhalation. |
| Ingestion | : No specific hazard. |
| Skin contact | : No specific hazard. |
| Eye contact | : Severely irritating to eyes. |
| Reproductive toxicity | : No known significant effects or critical hazards. |

12. Ecological information

Ecotoxicity

The product is not subject to ecological classification according to directive 1999/45/EC.

Persistence and degradability

The surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC

13. Disposal considerations

| | |
|--------------------------------|---|
| Methods of disposal | : Waste must be disposed of according to applicable regulations. Use as much of the contents as possible, according to instructions. Can be added to general waste collection after completely emptying. Use packages for recycling only when totally empty |
| Waste classification | : Not applicable. |
| European waste catalogue (EWC) | : 200129* |

14. Transport information**International transport regulations**

| Regulatory information | UN number | Proper shipping name | Class | Packing group | Label |
|------------------------|-----------|--|-------|---------------|-------|
| ADR/RID Class | UN1993 | FLAMMABLE LIQUID, N.O.S. (propan-2-ol) | 3 | III | 3 |
| ADN Class | UN1993 | FLAMMABLE LIQUID, N.O.S. (propan-2-ol) | 3 | III | 3 |
| IMDG Class | UN1993 | FLAMMABLE LIQUID, N.O.S. (propan-2-ol) | 3 | III | 3 |

Follow special pack instructions for air transport.

15. Regulatory information**EU regulations**

Hazard symbol/symbols :



Irritant

Risk Phrases :

R10- Flammable.
R41- Risk of serious damage to eyes.
R67- Vapours may cause drowsiness and dizziness.

Safety phrases :

S2- Keep out of the reach of children.
S23- Do not breathe vapour.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39- Wear eye/face protection.
S51- Use only in well-ventilated areas.

16. Other information

Full text of R-phrases referred to in sections 2 and 3 - Europe : R11- Highly flammable.
R10- Flammable.
R22- Harmful if swallowed.
R36- Irritating to eyes.
R41- Risk of serious damage to eyes.
R67- Vapours may cause drowsiness and dizziness.

History

Date of printing : 10 April 2006

Date of issue : 10 April 2006

Version : 1

Prepared by : Ecolab Regulatory Department Europe

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.