

Material Safety Data Sheet (91/155/EEC)

Date: 13.01.2011
Replaces: 21.01.2010
Our ref: 0173.5/LS(DR)

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1. Product and company information

Commercial product name: SX Glass Cleaner

Supplier: Siroflex Ltd, Dodworth Business Park, Dodworth Barnsley S75 3SP, telephone: 01226 771600, facsimile: 01226 771601

Emergency phone: 01226 771600 (after working time)

email to technical@siroflex.co.uk

2. Hazard identification

Main hazards: No significant hazard

Other hazards: Although a quantity of a flammable material is present, this preparation is non-flammable as supplied.

3. Composition/information on ingredients

Chemical characterisation

| <u>Hazardous substances</u> | <u>%</u> | <u>EINECS</u> | <u>CAS</u> | <u>Supply Class</u> |
|-----------------------------|----------|---------------|------------|--------------------------------|
| PROPAN-2-OL | 10-30% | 200-661-7 | 67-63-0 | [F] R11, [Xi] R36, [-] R67 |
| 2-Butoxyethanol | 1-10% | 203-905-0 | 111-76-2 | [Xn] R20/ 21/ 22, [Xi] R36/ 38 |

Contains: <0.2% Surfactant

4. First aid measures (Symptoms)

Skin Contact: There may be mild irritation at the site of contact.
Eye Contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: No symptoms

4. First aid measures (Action)

Skin Contact: Wash immediately with plenty of soap and water.
Eye Contact: Bathe the eye for running water for 15 minutes.
Ingestion: Wash out mouth with water.
Inhalation: Not applicable.

5. Fire fighting measures

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
Exposure hazards: In combustion emits toxic fumes.
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

Personal Precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid
Environmental Precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. Handling and storage

Storage Conditions: Store in cool, well ventilated area. Keep container tightly closed.

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8. Exposure controls and personal protection

Hazardous ingredients: PROPAN-2-OL
WEL (8 hr exposure limit): 999 mg/ m3 WEL (15 min exposure limit): 1250 mg/ m3
2-BUTOXYETHANOL
WEL (8 hr exposure limit): 25ppm WEL (15 min exposure limit): 50 ppm

Respiratory protection: Respiratory protection not required.
Hand protection: Protective gloves
Eye protection: Safety glasses. Ensure eye bath is to hand.
Skin protection: Protective clothing.

9. Physical and chemical properties

State: Liquid
Colour: Pale blue
Odour: Perceptible odour
Evaporation rate: Negligible
Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Soluble
Also soluble in: Most organic solvents
Boiling point/ range °C: 100
Flash point: >61
Relative density: 0.922@24c

10. Stability and reactivity

Stability: Stable under normal conditions.
Conditions to avoid: No special precautions required.
Materials to avoid: No special precautions required.
Hazardous decomposition products: None known.

11. Toxicological information

Hazardous ingredients: PROPAN-2-OL
IVN RAT LD50 1088 mg/kg
ORL MUS LD50 3600 mg/kg
ORL RAT LD50 5045 MG/KG
SCU MUS LDLO 6gm/kg
2-BUTOXYETHANOL
IVN RAT LD50 307 mg/kg
ORL MUS LD50 1230 mg/kg
ORL RAT LD50 470 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. Ecological information

Mobility: The product is intended for wide dispersive use and is compatible with the down-the-drain disposal route.
Persistence & Degradability: The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation EC/648/2004 on detergents.
Bio-Accumulative potential: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

13. Disposal considerations

NB: Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.

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14. Transport information

ADR/ RID

UN no: Not Classified.

IMDG

UN no: Not Classified.

IATA/ ICAO

UN no: Not Classified.

15. Regulatory information

Hazard symbols: No significant hazard.

Safety phrases: S2: Keep out of the reach of children.
S24/25: Avoid contact with skin and eyes.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other information

Other information: Non flammable
Risk phrases used in s.2: R11: Highly flammable.
R36: Irritating to eyes.
R67: Vapours may cause drowsiness and dizziness.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R36/38: Irritating to eyes and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be liable for any damage resulting from handling or from contact with the above product.