



Glass Cleaner

● Description

- A blue, spirit-based liquid which is ammonia free.

● Benefits and Features

- This biodegradable glass cleaner which will remove marks and stains, atmospheric grime, insect debris, nicotine and smoke haze from windows, mirrors and all glass surfaces..
- Cleans quickly and leaves a streak free finish. Also suitable for stainless steel surfaces.

● Directions for Use

- Spray (if using a trigger spray for application) or alternatively add a small amount onto the surface, then using a soft cloth spread into the corners and polish dry. For economy, it can be diluted 50/50 with water and still give a very efficient effect.

● Packaging

- 2 x 5 ltr plastic bottles packaged in a strong cardboard outer.

● Hazards

- No significant hazards will arise following the correct usage of this product.

● Safety Phrases

- S2: Keep out of the reach of children.
- S46: If swallowed, seek medical advice immediately and show this container or label.
- S16: Keep away from sources of ignition. No smoking.

● Hazardous Ingredients

- Propan-2-ol

Storage: Avoid extremes of temperature.
Shelf life unopened approx. 1 year.

Precautionary phrases: Safety data sheet available for professional user on request.

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 that complete these regulations. Refer to all applicable national, international and local regulations or provisions.

SPD942



SAFETY DATA SHEET

GLASS CLEANER #2

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Issued: 14/12/2005

Revision No: 1

Sent to: Staples Disposables Ltd

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: GLASS CLEANER #2

Product code: SPD942

Use / description of product: Flammable.

Company name: Staples Disposables Ltd
Woodbridge Road
East Road Industrial Estate
Sleaford
Lincolnshire
NG34 7EW
Tel: 01529 305520
Fax: 01529 411607

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: PROPAN-2-OL 10-20%
EINECS: 200-661-7 CAS: 67-63-0
[F] R11; [Xi] R36; [-] R67

3. HAZARDS IDENTIFICATION

Main hazards: Flammable.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

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: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Notify the police and fire brigade immediately. Eliminate all sources of ignition. 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. Do not use equipment in clean-up procedure which may produce sparks.

7. HANDLING AND STORAGE

Handling requirements: Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: PROPAN-2-OL
TWA 999 mg/m³ STEL 1250 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

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: Blue

Odour: Alcoholic

Solubility in water: Soluble

Viscosity: Non-viscous

Flash point°C: 21-5

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

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 6 gm/kg

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

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: 1993	ADR Class: 3
Packing group: III	Classification code: F1
Shipping name: FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)	
Labelling: 3	Hazard ID no: 30

**IMDG / IMO**

UN no: 1993	Class: 3
Packing group: III	EmS: 3-07/
Marine pollutant: .	Labelling: 3

IATA / ICAO

UN no: 1993	Class: 3
Packing group: III	Packing instructions: 309(P&CA); 310(PAO)
Labelling: 3	

SAFETY DATA SHEET

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15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Risk phrases: R10: Flammable.

Safety phrases: S2: Keep out of the reach of children.

S46: If swallowed, seek medical advice immediately and show this container or label.

S16: Keep away from sources of ignition - No smoking.

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

Risk phrases used in s.2: R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

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 held liable for any damage resulting from handling or from contact with the above product.