



SAFETY DATA SHEET GLASS CLEANER (UK & EXPORT)

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

PRODUCT NAME GLASS CLEANER (UK & EXPORT)

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2 HAZARDS IDENTIFICATION

Flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xi;R36. R10, R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|--------------|-----------|-----------|---------|------------------|
| AMMONIA ...% | 215-647-6 | 1336-21-6 | < 1% | C;R34 N;R50 |
| PROPAN-2-OL | 200-661-7 | 67-63-0 | 10-30% | F;R11 Xi;R36 R67 |

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Irritating to respiratory system. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Harmful if swallowed. DO NOT INDUCE VOMITING! Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

SKIN CONTACT

Irritating to skin. In the event of skin irritation seek medical attention if irritation, or symptoms persist. Wash the skin immediately with soap and water.

EYE CONTACT

Irritating to eyes. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

UNUSUAL FIRE & EXPLOSION HAZARDS

Burning produces irritating, toxic and obnoxious fumes.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Ensure adequate ventilation of the working area.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains.

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SPILL CLEAN UP METHODS

Clean and wipe away spillages area thoroughly with plenty of water. Transfer to suitable, labelled containers for disposal.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid contact with skin and eyes. Ensure adequate ventilation of the working area.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | Std | TWA - 8 hrs | | STEL - 15 min | | Notes |
|-------------|-----|-------------|-----------|---------------|------------|-------|
| PROPAN-2-OL | WEL | 400 ppm | 999 mg/m3 | 500 ppm | 1250 mg/m3 | |

WEL = Workplace Exposure Limit.

ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

Use respiratory equipment with particle filter, type P3.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear approved safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------|----------------------|------------------|------|
| APPEARANCE | Liquid | | |
| COLOUR | Blue | | |
| ODOUR | Ammonia | | |
| SOLUBILITY | Miscible with water. | | |
| BOILING POINT (°C) | 80 | RELATIVE DENSITY | 0.98 |
| FLASH POINT (°C) | 29oC | | |

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

MATERIALS TO AVOID

Acids, oxidising. Oxidising agents

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

INGESTION

Drowsiness, dizziness, disorientation, vertigo. Narcotic effect. Hypertension

SKIN CONTACT

Prolonged or repeated skin contact can cause defatting of the skin, resulting in dermatitis and secondary infections.

EYE CONTACT

Causes mild eye irritation.

12 ECOLOGICAL INFORMATION

DEGRADABILITY

The product is biodegradable.

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13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

14 TRANSPORT INFORMATION



| | | | |
|----------------------|--|------------------|----------|
| UK ROAD CLASS | 3 | | |
| PROPER SHIPPING NAME | FLAMMABLE LIQUID N.O.S (contains 20%ISOPROPANOL) | | |
| UN NO. ROAD | 1993 | UK ROAD PACK GR. | III |
| ADR PACK GROUP | III | HAZARD No. (ADR) | 30 |
| IMDG CLASS | 3 | IMDG PAGE NO. | 1993 |
| IMDG PACK GR. | III | EMS | F-E, S-E |
| MFAG | SEE GUIDE | MARINE POLLUTANT | No. |
| UN NO. AIR | 1993 | AIR CLASS | 3 |
| AIR PACK GR. | III | | |

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

| | |
|-----|---|
| R10 | Flammable. |
| R36 | Irritating to eyes. |
| R67 | Vapours may cause drowsiness and dizziness. |

SAFETY PHRASES

| | |
|-----|---|
| S25 | Avoid contact with eyes. |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S46 | If swallowed, seek medical advice immediately and show this container or label. |
| S56 | Dispose of this material and its container to hazardous or special waste collection point. |
| S64 | If swallowed, rinse mouth with water (only if the person is conscious). |

16 OTHER INFORMATION

| | |
|------------------------------|------------|
| REVISION DATE | 22/10/2009 |
| REV. NO./REPL. SDS GENERATED | 3 |
| SDS NO. | 10266 |

RISK PHRASES IN FULL

| | |
|-----|---|
| R11 | Highly flammable. |
| R34 | Causes burns. |
| R36 | Irritating to eyes. |
| R37 | Irritating to respiratory system. |
| R50 | Very toxic to aquatic organisms. |
| R67 | Vapours may cause drowsiness and dizziness. |

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DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.