



## SAFETY DATA SHEET NEW FORMULATION GLASS CLEANER

According to Regulation (EC) No 1907/2006

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

|                     |  |
|---------------------|--|
| PRODUCT NAME        | NEW FORMULATION GLASS CLEANER  |
| PRODUCT NO.         | 17-01, 17-02   |
| APPLICATION         | Glass cleaner  |
| SUPPLIER            | Ebor Equipment Ltd<br>Trans Pennine Trading Estate<br>Gorrels Way<br>Rochdale<br>Lancashire OL11 2PX<br>Tel: 01706 863600<br>Fax: 01706 869860<br>general.enquiries@ebor.co.uk |
| EMERGENCY TELEPHONE | 01706 863600<br>Monday - Thursday 08:30 - 17:00 hours<br>Friday 08:30 - 16:00 hours  |

### 2 HAZARDS IDENTIFICATION

Extremely flammable.

CLASSIFICATION F+;R12.

#### PHYSICAL AND CHEMICAL HAZARDS

Aerosol containers can explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

#### HUMAN HEALTH

See section 11 for additional information on health hazards.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name                    | EC No.    | CAS-No.    | Content | Classification   |
|-------------------------|-----------|------------|---------|------------------|
| 1-METHOXY-2-PROPANOL    | 203-539-1 | 107-98-2   | < 5.0%  | R10              |
| LIQUEFIED PETROLEUM GAS | 270-704-2 | 68476-85-7 | < 20.0% | F+;R12.          |
| PROPAN-2-OL             | 200-661-7 | 67-63-0    | < 5.0%  | F;R11 Xi;R36 R67 |

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

### 4 FIRST-AID MEASURES

#### INHALATION

Vapours may cause drowsiness and dizziness. Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

#### INGESTION

May cause nausea, headache, dizziness and intoxication. Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### SKIN CONTACT

Prolonged and frequent contact may cause redness and irritation. Remove contaminated clothing immediately and wash skin with soap and water.

#### EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.

### 5 FIRE-FIGHTING MEASURES

# NEW FORMULATION GLASS CLEANER

## EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

## SPECIAL FIRE FIGHTING PROCEDURES

Ventilate closed spaces before entering them. Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control. Avoid water in straight hose stream; will scatter and spread fire.

## UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

## SPECIFIC HAZARDS

Aerosol containers can explode when heated, due to excessive pressure build-up.

## 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.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Transfer to a container for disposal.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Avoid contact with skin and eyes. Avoid inhalation of vapours. Wash hands after handling.

### STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name                    | Std | LT - ppm    | LT - mg/m3    | ST - ppm    | ST - mg/m3    |
|-------------------------|-----|-------------|---------------|-------------|---------------|
| 1-METHOXY-2-PROPANOL    | WEL | 100 ppm(Sk) | 375 mg/m3(Sk) | 150 ppm(Sk) | 560 mg/m3(Sk) |
| LIQUEFIED PETROLEUM GAS | WEL | 1000 ppm    | 1750 mg/m3    | 1250 ppm    | 2180 mg/m3    |
| PROPAN-2-OL             | WEL | 400 ppm     | 999 mg/m3     | 500 ppm     | 1250 mg/m3    |

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Well-ventilated area.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### EYE PROTECTION

Wear approved safety goggles.

### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Clear liquid Aerosol

**NEW FORMULATION GLASS CLEANER**

|                  |                |
|------------------|----------------|
| COLOUR           | Colourless     |
| ODOUR            | Characteristic |
| FLASH POINT (°C) | > 40°C (bulk)  |

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

**HAZARDOUS DECOMPOSITION PRODUCTS**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

**11 TOXICOLOGICAL INFORMATION****INHALATION**

May cause irritation to the respiratory system. Vapours may cause drowsiness and dizziness.

**INGESTION**

May cause discomfort if swallowed. May cause nausea, headache, dizziness and intoxication.

**SKIN CONTACT**

Prolonged and frequent contact may cause redness and irritation.

**EYE CONTACT**

Spray and vapour in the eyes may cause irritation and smarting.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

The product is not expected to be hazardous to the environment.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

Do not puncture or incinerate even when empty.

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

**14 TRANSPORT INFORMATION**

|                      |                |                  |                |
|----------------------|----------------|------------------|----------------|
| UK ROAD CLASS        | 2.1            |                  |                |
| PROPER SHIPPING NAME | AEROSOLS       |                  |                |
| UN NO. ROAD          | 1950           | UK ROAD PACK GR. | Not Applicable |
| ADR CLASS NO.        | 2              | ADR CLASS        | Class 2: Gases |
| ADR PACK GROUP       | Not Applicable | ADR LABEL NO.    | 2.1            |
| CEFIC TEC(R) NO.     | 20G5F          | RID CLASS NO.    | 2              |
| RID PACK GROUP       | Not Applicable | UN NO. SEA       | 1950           |
| IMDG CLASS           | 2.1            | IMDG PAGE NO.    | 2.1            |
| IMDG PACK GR.        | Not Applicable | EMS              | F-D, S-U       |
| MARINE POLLUTANT     | No.            | UN NO. AIR       | 1950           |
| AIR CLASS            | 2.1            | AIR PACK GR.     | Not Applicable |

## NEW FORMULATION GLASS CLEANER

## 15 REGULATORY INFORMATION

## LABELLING



Extremely Flammable

## RISK PHRASES

R12 Extremely flammable.

## SAFETY PHRASES

A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

A2 Do not spray on a naked flame or any incandescent material.

S2 Keep out of the reach of children

S9 Keep container in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking.

S51 Use only in well-ventilated areas.

S35 This material and its container must be disposed of in a safe way.

## DETERGENT LABELLING

15-30% Aliphatic hydrocarbons

## EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

## REVISION COMMENTS

Re-issued in accordance with Regulation (EC) No. 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

## ISSUED BY

HS&amp;E Manager.

REVISION DATE 11-2007

REV. NO./REPL. SDS GENERATED 6 / 10-2005

## RISK PHRASES IN FULL

R10 Flammable.

R11 Highly flammable.

R12 Extremely flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.