



## SAFETY DATA SHEET

### Window & Glass Cleaner

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** Window & Glass Cleaner

**Internal identification** F3V1

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Cleaning windows and glass

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** The London Oil Refining Company Ltd  
Astonish House  
Unit 1 Premier Point  
Staithgate Lane  
Bradford BD6 1DW  
(01274) 767440 (office hours only)  
www.astonishcleaners.com  
(01274) 726285

**Contact person** info@astonish.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** (01274) 767440 (office hours only)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** NC Not Classified

##### 2.2. Label elements

**Hazard statements** NC Not Classified

**Precautionary statements** P102 Keep out of reach of children.  
P103 Read label before use.

##### **Additional Labelling**

**Detergent labelling** < 5% anionic surfactants

##### 2.3. Other hazards

None

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Isopropanol</b>		<b>1-5%</b>
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-0000

<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F; R11. Xi; R36. R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

<b>Butyl Diglycol</b>		<b>1-5%</b>
CAS number: 112-34-5	EC number: 203-961-6	

<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Eye Irrit. 2 - H319	Xi; R36

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.
<b>Ingestion</b>	Drink water. If symptoms persist seek medical advice.
<b>Skin contact</b>	Rinse affected area with water.
<b>Eye contact</b>	Rinse thoroughly with water for several minutes. If symptoms persist seek medical advice.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Possible mild irritation of breathing passage and possible mouth irritation.
<b>Ingestion</b>	Possible mild stomach upset and mild soreness of mouth.
<b>Skin contact</b>	Possible mild transient irritation of skin.
<b>Eye contact</b>	Possible mild irritation, redness and soreness.

#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No data available
<b>Specific treatments</b>	No data available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Use extinguisher suitable to cause of fire.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Product does not support combustion, minimal fire hazard. Minimal quantities of oxides of carbon may be produced.

#### 5.3. Advice for firefighters

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**Protective actions during firefighting** Use protection suitable to cause of fire.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin and eyes.

#### 6.2. Environmental precautions

**Environmental precautions** Product is intended to be rinsed away to sewer after use. For bigger spillages non-household spillages prevent entry into sewer or drains.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb household spillages with e.g kitchen roll and dispose of in bin. Wipe affected area clean with a damp cloth.

#### 6.4. Reference to other sections

**Reference to other sections** None

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Use as instructed on label. Avoid breathing spray. Point spray away from face.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in ambient conditions.

#### 7.3. Specific end use(s)

**Specific end use(s)** Cleaning windows and glass

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### **Isopropanol**

Long-term exposure limit (8-hour TWA): EH40 WEL, WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): EH40 WEL 500 ppm 1,250 mg/m<sup>3</sup>

##### **Butyl Diglycol**

Long-term exposure limit (8-hour TWA): 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 15 ppm 101.2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### 8.2. Exposure controls

**Environmental exposure controls** This product does not pose a hazard in normal use.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

**Appearance** Clear Blue liquid

**Odour** Mild Alcoholic

**pH** pH (concentrated solution): 2.8-3.8

**Flash point** Not available.

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Evaporation rate	Not measured.
Flammability (solid, gas)	Does not ignite.
Vapour density	> 1 (Air=1)
Relative density	0.985-1.005
Partition coefficient	n-octanol/water Not available.
Viscosity	Not measured
Oxidising properties	Not available.

### 9.2. Other information

Other information None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity No reactivity hazards expected.

### 10.2. Chemical stability

Stability Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal conditions.

### 10.4. Conditions to avoid

Conditions to avoid None known.

### 10.5. Incompatible materials

Materials to avoid None known.

### 10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## SECTION 12: Ecological Information

### 12.1. Toxicity

Toxicity The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

### 12.2. Persistence and degradability

Persistence and degradability Does not contain any components considered to be persistent. Contains detergents that satisfy the biodegradation requirements of directive 648/2004/EC.

### 12.3. Bioaccumulative potential

Bioaccumulative potential No bio-accumulative potential noted for any component.

Partition coefficient n-octanol/water Not available.

### 12.4. Mobility in soil

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**Mobility** The components of the mixture are readily absorbed into soil and are mobile in water environment.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** No data available.

### 12.6. Other adverse effects

**Other adverse effects** Not known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment. Dispose of contaminated packaging in the same way as the product itself. Non-contaminated packages may be recycled.

## SECTION 14: Transport information

**General** Not regulated.

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not regulated.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation** This safety data sheet is compliant with EC Regulation 1907/2006 (REACH) as adapted by 453/2010, Directive 67/548/EEC and EC Regulation 1272/2008 (CLP).  
Dangerous Preparations Directive 1999/45/EC.  
Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

### 15.2. Chemical safety assessment

## Window & Glass Cleaner

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Issued by</b>	The London Oil Refining Company Ltd
<b>Revision date</b>	30/09/2016
<b>Revision</b>	1
<b>SDS number</b>	4977
<b>Risk phrases in full</b>	R11 Highly flammable. R36 Irritating to eyes. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.