



## SAFETY DATA SHEET

### Astonish Window & Glass Cleaner

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

##### 1.1. Product identifier

<b>Product name</b>	Astonish Window & Glass Cleaner
<b>Product number</b>	169001
<b>Internal identification</b>	1690F9V1

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

<b>Identified uses</b>	Cleaning windows and glass
<b>Uses advised against</b>	Do not use on varnished, polished or unsealed wood. Condensation may form on cold windows that will eventually clear.

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

<b>Supplier</b>	The London Oil Refining Company Ltd Astonish House Unit 1 Premier Point Staithgate Lane Bradford, BD6 1DW, UK Tel: +44 1274 767440 (8am-4pm Mon-Fri) <a href="http://www.astonishcleaners.co.uk">www.astonishcleaners.co.uk</a>  Astonish Cleaners Europe Ltd 38 Main Street Swords Co. Dublin Republic of Ireland K67E0A2 Tel: +353 768 885288 (8am-4pm Mon-Fri) <a href="http://www.astonishcleaners.eu">www.astonishcleaners.eu</a>
<b>Contact person</b>	<a href="mailto:info@astonish.co.uk">info@astonish.co.uk</a> <a href="mailto:info@astonishcleaners.eu">info@astonishcleaners.eu</a>
<b>Manufacturer</b>	As supplier.

##### 1.4. Emergency telephone number

<b>Emergency telephone</b>	UK - Emergency Telephone: +44 (0) 1274 767440 (8am-4pm Mon-Fri). Alternatively in UK: Contact NHS 111 Telephone 111 (24 hours a day, 7 days a week); Website <a href="http://111.nhs.uk">111.nhs.uk</a> or a doctor.  ROI - Emergency Telephone: +353 768 885288 (8am-4pm Mon-Fri) Poisons Information Centre of Ireland (ROI): + 353 (1) 809 2166 (8am-10pm 7 days a week)
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## Astonish Window & Glass Cleaner

### 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 P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.

Additional Labelling None

Detergent labelling < 5% non-ionic surfactants, < 5% perfumes

#### 2.3. Other hazards

None

### 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> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		
<b>Alkylpolyglycoside C8-10</b>		<b>&lt;1%</b>
CAS number: 68515-73-1	EC number: 500-220-1	
<b>Classification</b> Eye Dam. 1 - H318		

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

**Inhalation** Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.

**Ingestion** Drink water. If symptoms persist seek medical advice.

**Skin contact** Rinse affected area with water.

## Astonish Window & Glass Cleaner

**Eye contact** Rinse thoroughly with water for several minutes. If symptoms persist seek medical advice.

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

**Inhalation** Possible mild irritation of breathing passage and possible mouth irritation.

**Ingestion** Possible mild stomach upset and mild soreness of mouth.

**Skin contact** Possible mild transient irritation of skin.

**Eye contact** Possible mild irritation, redness and soreness.

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

**Notes for the doctor** No data available

**Specific treatments** 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

**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** For personal protection, see Section 8. For waste disposal, see Section 13.

## 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

## Astonish Window & Glass Cleaner

### 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>

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

<b>Eye/face protection</b>	Avoid contact with face.
<b>Hand protection</b>	For users with sensitive skin, it is recommended that suitable protective gloves are worn.
<b>Environmental exposure controls</b>	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

<b>Appearance</b>	Clear Blue liquid
<b>Colour</b>	Blue.
<b>Odour</b>	Eucalyptus/Lemon
<b>Odour threshold</b>	Not known.
<b>pH</b>	pH (concentrated solution): 6.0 - 8.0
<b>Melting point</b>	Not known.
<b>Initial boiling point and range</b>	Not measured (>100°C)
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not measured.
<b>Evaporation factor</b>	Not known.
<b>Flammability (solid, gas)</b>	Does not ignite.
<b>Upper/lower flammability or explosive limits</b>	Does not ignite.
<b>Other flammability</b>	Not relevant.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	> 1 (Air=1)
<b>Relative density</b>	0.987 - 1.001 @ 20°C
<b>Bulk density</b>	Not relevant.
<b>Solubility(ies)</b>	Soluble in water
<b>Partition coefficient</b>	Not known.
<b>Auto-ignition temperature</b>	Not known.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not measured
<b>Explosive properties</b>	None

## Astonish Window & Glass Cleaner

**Explosive under the influence of a flame** Not considered to be explosive.

**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

**Toxicological effects** This mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

## 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** Not known.

### 12.4. Mobility in soil

**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

## Astonish Window & Glass Cleaner

**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** Not applicable.

**Annex II of MARPOL 73/78 and the IBC Code**

## SECTION 15: Regulatory information

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

**National regulations** For Great Britain after the end of the transitional period, the EU Detergents Regulation - has been amended by the Detergents EU Exit Statutory Instruments (SIs), that is:

the Detergents (Amendment) (EU Exit) Regulations 2019 (S.I. 2019/672)  
the Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (S.I. 2019/671)  
the Detergents (Amendment) (EU Exit) Regulations 2020 (S.I. 2020/1617)

**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 31 March 2004 on detergents (as amended).

## Astonish Window & Glass Cleaner

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	CAS: Chemical Abstracts Service. ECHA: European Chemicals Agency GHS: Globally Harmonized System. PBT: Persistent, Bioaccumulative and Toxic substance. REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. vPvB: Very Persistent and Very Bioaccumulative.
<b>General information</b>	Note: The hazard statements below are explanations of phrases used in the SDS as abbreviations and DO NOT apply to the product. The statements applicable to the product are those identified in Section 2 only. Any animal testing information or data listed in this safety data sheet is historic published data within the public domain. There is a requirement to declare this information if it is known and this does not impact our cruelty free status. The London Oil Refining Company Ltd does not commission animal testing.
<b>Revision comments</b>	Revised formulation.
<b>Issued by</b>	The London Oil Refining Company Ltd
<b>Revision date</b>	15/10/2021
<b>Revision</b>	9.1
<b>Supersedes date</b>	17/03/2021
<b>SDS number</b>	4977
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.