

# SAFETY DATA SHEET - ASTRALGLASSCLEANER

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

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

### 1.1 Product identifier

Product Name ASTRAL GLASS CLEANER  
Trade name  
CAS No.  
EINECS No.

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

Identified use(s) On glass, stainless-steel & mirrors

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

Company Identification Product Brokers Ltd  
Company Address Pilkington Industrial Estate, Rake Lane, Swinton, M27 8LP  
Telephone 0161 643 0260  
Fax 0870 199 2072  
E-Mail (competent person) sales@productbrokers.co.uk

### 1.4 Emergency telephone number

Emergency Phone No.

## 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture NOT CLASSIFIED AS HAZARDOUS

2.1 Regulation (EC) No. 1272/2008 (CLP)

2.1 Directive 67/548/EEC & Directive 1999/45/EC

### 2.2 Label elements

#### 2.2.1 Label elements

GHS Product Identifier

Hazard statement(s) Reach

Signal word(s) Reach

Hazard statement(s)

Precautionary statement(s)

# SAFETY DATA SHEET - ~~SYNERGY~~HOUSEKEEPING-GLASS CLEANER

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES
1-Methoxy-2-Propanol	203-539-1	107-98-2	<5		R10 & R67
Alkyl dimethyl betaine	266-368-1	66455-29-6	<5	Xi	R38 & R41
Non Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures (Symptoms)

Inhalation

Mist may cause irritation to the respiratory tract.

Skin Contact

May cause slight irritation

Eye Contact

May cause irritation

Ingestion

May cause irritation to the mouth, throat and digestive tract

Additional Information

Symptomatic treatment.

### 4.2 Description of first aid measures (Actions)

Inhalation

If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases.

Skin Contact

Immediately remove all contaminated clothing. Wash skin with soap and cold water. In severe cases obtain medical help.

Eye Contact

In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists

Ingestion:

Do not give anything by mouth to an unconscious person. Wash out mouth with water and give copious amounts of water to drink. Do not induce vomiting. Obtain medical advice if patient unwell.

Additional Information

Always launder contaminated clothing before re-use

## 5 FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing Media

Product NOT flammable

Water spray, foam, sand, dry powder, or CO2

### 5.2 Special hazards arising from the

Substance or mixture

Exposure hazards

In combustion emits toxic fumes.

### 5.3 Advice for fire-fighters

Special protective

equipment for fire fighters

Full protective equipment including self-contained respiratory protection

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## 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS
- 6.2 Environmental precautions** Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3 Methods and material for containment and cleaning up** Small spills can be handled with a mop and water. Large spills should be contained with sawdust and disposed of under local authority regulations
- 6.4 Reference to other sections**
- 6.5 Additional Information**

## 7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Avoid eye contact and skin contact
- 7.2 Conditions for safe storage, including any incompatibilities** Keep in original containers
- 7.3 Suitable packagene**
- 7.3 Specific end use(s)** Keep tightly closed when not in use  
Do not store below 5°C or above 30°C  
Store away from sparks, naked flames or sources of ignition

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

Hazardous Ingredients

NO OCCUPATIONAL LIMIT ASSIGNED

Workplace exposure limits

Respirable dust

State	8 hour TWA	15 min STEL	8 hour TWA	15 min Stel

### 8.2 Exposure Controls

Engineering measures

Respiratory Protection

Not necessary under normal use.

Hand Protection

Gloves

Eye Protection

Wear safety goggles

Skin Protection

Wear suitable protective overalls

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## **9 PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on the basic physical and chemical properties**

Form:	Liquid
Odour:	Marine
Colour:	Blue
Viscosity:	Not available
pH (Value):	8-9 approx
Density (g/ml):	0.996 approx
Boiling Point:	Not available
Flash Point:	Not available
Melting Point:	Not available
Pour Point (Deg C):	<0 degrees celcius
Auto Ignition Temp.	Not available
Vapour Pressures:	Not available
Solubility (water):	Miscible
Solubility (other):	Not available
Partition Coefficient:	Not Applicable
Flammable Limits:	Not Applicable
Oxidising Props.	None

### **9.2 Other information**

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## **10 STABILITY AND REACTIVITY**

### **10.1 Reactivity**

### **10.2 Chemical Stability**

Stable under normal conditions

### **10.3 Possibility of hazardous reactions**

### **10.4 Conditions to avoid**

Extremes of temperature

### **10.5 Incompatible materials**

Strong oxidising/reducing agents

### **10.6 Hazardous decomposition products**

Burning produces Oxides of Carbon

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## 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Toxicity values

Route	Species	Test	Value	Units

#### Relevant effects for mixture

Effect	Route	Basis

### 11.2 Symptoms / Routes of exposure

Skin contact

May cause irritation to skin with prolonged contact.

Eye Contact

Can cause irritation

Ingestion

May cause irritation to the mouth, throat and digestive tract. May also cause nausea.

Inhalation

Mist may irritate the respiratory system. Vapours may cause drowsiness and dizziness.

## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Eco Toxicity values

Species	Test	Value	Units

### 12.2 Persistence and degradability

The surfactant(s) used in this preparation comply(ies) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.

Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3 Bioaccumulative potential

No bioaccumulation potential.

### 12.4 Mobility in soil

Readily absorbed into soil

### 12.5 Results of PBT and vPvB assessment

### 12.6 Other Adverse Effects

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## **13 DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

Disposal operations	Dispose of in accordance with Local Authority Guidelines and Regulations
Disposal of packaging	Dispose of in accordance with Local Authority Guidelines and Regulations

**NB: The users attention is drawn to the possible existence of regional or national regulations regarding disposal**

## **14 TRANSPORT INFORMATION**

### **14.1 UN Number**

### **14.2 UN Proper shipping name**

### **14.3 Transport hazard class(es)**

ARD/RID	:	Class
IMDG	:	Proper shipping name
IATA	:	Proper shipping name

### **14.4 Packing Group**

### **14.5 Environmental hazards**

Environmental hazardous

Marine pollutant No

### **14.6 Special precautions for user**

## **15 REGULATORY INFORMATION**

**this preparation was classified in compliance with the following directions and regulations**

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) and amendments thereof up to and including Regulation (EU) No 453/2010.  
Regulation (EC) No 1272 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

### **15.1 Hazardous Ingredients**

1-METHOXY-2-PROPANOL

**Hazard symbol**

**EEC classification**

**other provisions**

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this 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.

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## **15 REGULATORY INFORMATION (continued)**

Risk phrases

None

Safety phrases

**S2** Keep out of the reach of children

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

**S25** Avoid contact with eyes

**15.2 chemical safety assesment**

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## **16 OTHER INFORMATION**

**16.1 Phrases used in Sections 2 and 3**

Risk Phrases

R10 Flammable.

R67 Vapours may cause drowsiness and dizziness

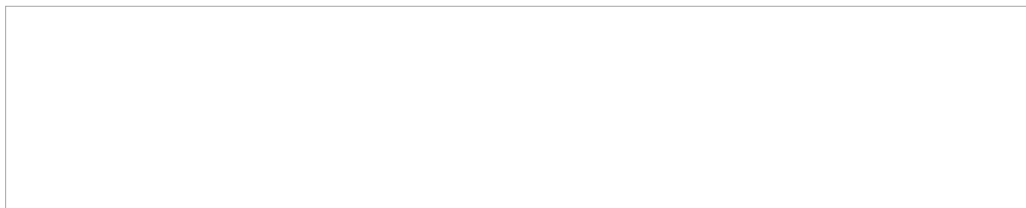
Safety Phrases

**16.2 Other Information**

Contains: Amphoteric surfactants - less than 5%

**CLP label elements**

Hazard pictogram(s) CLP



Signal word(s) CLP

**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.  
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements & local regulations  
This company shall not be held liable for any damage resulting from handling or from contact with the above product.