



## SAFETY DATA SHEET

### Astonish Premium Edition Cup Clean

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

##### 1.1. Product identifier

**Product name** Astonish Premium Edition Cup Clean  
**Product number** WW472  
**Internal identification** F2V1

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

**Identified uses** Removal of stains from glazed ceramics, glass, stainless steel and plastic pots & flasks.  
**Uses advised against** Do not use on silver or aluminium.

##### 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  
 UK  
 + 44 1274 767440  
 + 44 1274 726285  
 www.astonishcleaners.com

**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** Eye Dam. 1 - H318  
**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Pictogram



**Signal word** Danger  
**Hazard statements** H318 Causes serious eye damage.

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<b>Precautionary statements</b>	<p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P102 Keep out of reach of children and pets.</p> <p>P103 Read label before use.</p> <p>P280 Wear protective gloves and eye protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P401 Store in a dry place and store at temperatures not exceeding 40C/104F</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** Sodium carbonate peroxyhydrate

**Additional Labelling** None

**Detergent labelling** ≥ 30% oxygen-based bleaching agents

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Sodium Carbonate</b>		<b>60-100%</b>
CAS number: 497-19-8	EC number: 207-838-8	REACH registration number: 01-2119485498-19-0000
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Eye Irrit. 2 - H319	Xi; R36	
<b>Sodium carbonate peroxyhydrate</b>		<b>30-60%</b>
CAS number: 15630-89-4	EC number: 239-707-6	REACH registration number: 01-2119457268-30-0000
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Ox. Sol. 3 - H272	O; R8. Xn; R22. Xi; R41	
Acute Tox. 4 - H302		
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

<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth with water. Do NOT induce vomiting. Oxygen or artificial respiration if needed. If symptoms persist, call a physician or Poison Control Centre immediately.
<b>Skin contact</b>	Remove and wash contaminated clothing before re-use. Wash off with soap and water. If symptoms persist, call a physician.
<b>Eye contact</b>	Call a physician or poison control centre immediately. In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. In case of difficulty of opening the lids, administer an analgesic eye wash (oxybuprocaine).

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

**Inhalation** May cause nose, throat, and lung irritation.

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<b>Ingestion</b>	Severe irritation. Symptoms: Nausea, Abdominal pain, Vomiting, Diarrhoea
<b>Skin contact</b>	Prolonged skin contact may cause skin irritation.
<b>Eye contact</b>	Severe eye irritation. Risk of serious damage to eyes. Symptoms: Redness, Lachrymation, Swelling of tissue.

### **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** Oxygen released in thermal decomposition may support combustion.

### **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. Avoid generation of dust. Keep away from incompatible products.

### **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 contact with eyes. Avoid dust formation. Ensure adequate ventilation. Keep away from heat and sources of ignition. Keep away from incompatible products. Use only clean and dry utensils. Never return unused material to storage receptacle. Keep away from water.

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

**Storage precautions** Store in ambient conditions. Keep out of the reach of children. Keep container tightly closed. Keep away from heat. Keep at temperature not exceeding 40°C. Store in a dry place. Keep container in a well-ventilated place. Keep only in the original container. Keep away from incompatible products. Keep away from heat/sparks/open flames/hot surfaces - no smoking.

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

**Specific end use(s)** Removal of stains from glazed ceramics, glass, stainless steel and plastic pots & flasks.

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### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### **Sodium Carbonate**

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

##### **Sodium carbonate peroxyhydrate**

Long-term exposure limit (8-hour TWA): 5 mg/m<sup>3</sup>

##### Sodium carbonate peroxyhydrate (CAS: 15630-89-4)

##### PNEC

- Fresh water; 35 µg/l

#### 8.2. Exposure controls

**Personal protection**                      Wear protective gloves and safety eye wear.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	White granules
<b>Colour</b>	White.
<b>Odour</b>	Odourless.
<b>Odour threshold</b>	Not known.
<b>pH</b>	pH (diluted solution): 10.6 (10.1g/l)
<b>Melting point</b>	Not known.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<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 available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	> 1 (Air=1)
<b>Bulk density</b>	900-1,200 kg/m <sup>3</sup>
<b>Solubility(ies)</b>	Decomposes in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not known.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not measured

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<b>Explosive properties</b>	None
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not Oxidising (Method 34.4.1 Test 0.1 for Oxidising Solids)
<b>9.2. Other information</b>	
<b>Other information</b>	Self-accelerating decomposition temperature (SADT) >55C

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	Reacts with water, bases, heavy metal salts, reducing agents and organic materials. Decomposes when moist. Decomposes on heating. Potential for exothermic hazard.
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#### 10.2. Chemical stability

<b>Stability</b>	Potential for exothermic hazard. Stable under normal conditions.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Reacts with water, bases, heavy metal salts, reducing agents and organic materials, Oxygen is released in thermal decomposition may support combustion.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Exposure to moisture, heat, direct sunlight, flames and other sources of ignition.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Avoid water, bases, heavy metal salts, reducing agents, organic materials, flammable materials and combustible materials. Do not mix with Chlorine Bleach
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Oxygen.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	This mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.
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#### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	2,954.29
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<b>Inhalation</b>	Dust may irritate respiratory system or lungs.
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<b>Ingestion</b>	May cause discomfort if swallowed.
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<b>Skin contact</b>	Prolonged and frequent contact may cause redness and irritation. Irritating to eyes.
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#### Toxicological information on ingredients.

#### Sodium Carbonate

#### Acute toxicity - oral

<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	2,800.0
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<b>Species</b>	Rat
<b>ATE oral (mg/kg)</b>	2,800.0

### Sodium carbonate peroxyhydrate

#### Acute toxicity - oral

<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	1,034.0
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<b>Species</b>	Rat
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<b>ATE oral (mg/kg)</b>	1,034.0
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#### Acute toxicity - dermal

<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	2,000.0
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<b>Species</b>	Rabbit
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## SECTION 12: Ecological Information

### 12.1. Toxicity

<b>Toxicity</b>	The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.
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### Ecological information on ingredients.

#### Sodium Carbonate

#### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 300 mg/l, Fish
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#### Sodium carbonate peroxyhydrate

#### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	NOEC, 96 hours: 7.4 mg/l, Pimephales promelas LC <sub>50</sub> , hours: mg/l, Pimephales promelas
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<b>Acute toxicity - aquatic invertebrates</b>	NOEC, 48 hours: 2 mg/l, Daphnia pulex EC <sub>50</sub> , : 4.9 mg/l, Daphnia pulex
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### 12.2. Persistence and degradability

<b>Persistence and degradability</b>	The product is degraded completely by hydrolysis.
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### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential</b>	No bio-accumulative potential noted for any component.
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<b>Partition coefficient</b>	Not available.
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### 12.4. Mobility in soil

<b>Mobility</b>	No concerns- the product will dissociate into naturally occurring ions whose levels are regulated by living organisms.
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### 12.5. Results of PBT and vPvB assessment

<b>Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.
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### 12.6. Other adverse effects

**Other adverse effects** None 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

#### **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

No chemical safety assessment has been carried out.

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### SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	ATE: Acute Toxicity Estimate. CAS: Chemical Abstracts Service. EC <sub>50</sub> : 50% of maximal Effective Concentration. LC <sub>50</sub> : Lethal Concentration to 50 % of a test population. NOEC: No Observed Effect Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No Effect Concentration. 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.
<b>Revision comments</b>	Revised formulation.
<b>Issued by</b>	The London Oil Refining Company Ltd
<b>Revision date</b>	14/01/2019
<b>Revision</b>	2.1
<b>Supersedes date</b>	27/03/2018
<b>SDS number</b>	4913
<b>Risk phrases in full</b>	R8 Contact with combustible material may cause fire. R22 Harmful if swallowed. R36 Irritating to eyes. R41 Risk of serious damage to eyes.
<b>Hazard statements in full</b>	H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H318 Causes serious eye damage. H319 Causes serious eye irritation.