



**SAFETY DATA SHEET**

**Astonish Oxy Plus Stain Remover**

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

**1.1. Product identifier**

**Product name** Astonish Oxy Plus Stain Remover  
**Internal identification** F2V1

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

**Identified uses** Removing stains from fabrics and various hard surfaces.

**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)  
 (01274) 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**

**Physical hazards**

Not Classified

**Health hazards**

Acute Tox. 4 - H302 Eye Dam. 1 - H318

**Environmental hazards**

Not Classified

**Classification (67/548/EEC or 1999/45/EC)**

Xn; R22. Xi; R41

**2.2. Label elements**

**Pictogram**



**Signal word**

Danger

**Hazard statements**

H302 Harmful if swallowed.  
 H318 Causes serious eye damage.

**Precautionary statements**

### Astonish Oxy Plus Stain Remover

P401 Store in a dry place and store at temperatures not exceeding 40C/104F  
 P280 Wear protective gloves and eye protection.  
 P264 Wash hands thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P305+P310+P351+P338 IF IN EYES: Immediately call a POISON Centre of doctor/physician.  
 Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P101 If medical advice is needed, have product container or label at hand.  
 P103 Read label before use.  
 P102 Keep out of reach of children and pets.

**Contains** Sodium carbonate peroxyhydrate

#### Supplementary precautionary statements

P501 Dispose of contents/container in accordance with national regulations.

#### 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 peroxyhydrate</b>	<b>60-100%</b>
CAS number: 15630-89-4 EC number: 239-707-6 REACH registration number: 01-2119457268-30-0000	
<b>Classification</b> Ox. Sol. 3 - H272 Acute Tox. 4 - H302 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> O; R8. Xn; R22. Xi; R41
<b>Sodium Carbonate</b>	<b>30-60%</b>
CAS number: 497-19-8 EC number: 207-838-8 REACH registration number: 01-2119485498-19-0000	
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> 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

##### Inhalation

Move to fresh air. If symptoms persist, call a physician.

##### Ingestion

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.

##### Skin contact

Remove and wash contaminated clothing before re-use. Wash off with soap and water. If symptoms persist, call a physician.

##### Eye contact

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.

##### Ingestion

Severe irritation. Symptoms: Nausea, Abdominal pain, Vomiting, Diarrhoea

##### Skin contact

Prolonged skin contact may cause skin irritation.

##### Eye contact

Severe eye irritation. Risk of serious damage to eyes. Symptoms: Redness, Lachrymation, Swelling of tissue.

## Astonish Oxy Plus Stain Remover

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

**Notes for the doctor**

No data available

**Specific treatments**

No data available.

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### **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.

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### **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

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### **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)**

Removing stains from fabrics and various hard surfaces.

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### **SECTION 8: Exposure Controls/personal protection**

#### **8.1. Control parameters**

**Occupational exposure limits**

**Sodium carbonate peroxyhydrate**

Long-term exposure limit (8-hour TWA): 5 mg/m3

**Sodium Carbonate**

Long-term exposure limit (8-hour TWA): 10 mg/m3

**Astonish Oxy Plus Stain Remover****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****Appearance**

White granules

**Odour**

Odourless.

**pH**

pH (diluted solution): 10.6 (10.1g/l)

**Initial boiling point and range**

Not applicable.

**Flash point**

Not applicable.

**Evaporation rate**

Not applicable.

**Flammability (solid, gas)**

Does not ignite.

**Vapour pressure**

Not available.

**Vapour density**

Not available.

**Bulk density**900-1,200 kg/m<sup>3</sup>**Solubility(ies)**

Decomposes in water.

**Partition coefficient**

Not available.

**Viscosity**

Not measured

**Explosive properties**

None

**Oxidising properties**

Not oxidising (Method A17)

**9.2. Other information****Other information**

Self-accelerating decomposition temperature (SADT) &gt;55C

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reacts with water, bases, heavy metal salts, reducing agents and organic materials. Decomposes when moist. Decomposes on heating. Potential for exothermic hazard.

**10.2. Chemical stability****Stability**

Potential for exothermic hazard. Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Reacts with water, bases, heavy metal salts, reducing agents and organic materials, Oxygen is released in thermal decomposition may support combustion.

**10.4. Conditions to avoid**

## Astonish Oxy Plus Stain Remover

Exposure to moisture, heat, direct sunlight, flames and other sources of ignition.

### 10.5. Incompatible materials

#### **Materials to avoid**

Avoid water, bases, heavy metal salts, reducing agents, organic materials, flammable materials and combustible materials.

### 10.6. Hazardous decomposition products

Oxygen.

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## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

#### **Acute toxicity - oral**

**ATE oral (mg/kg)**

1,723.33333333

#### **Inhalation**

Dust may irritate respiratory system or lungs.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Prolonged and frequent contact may cause redness and irritation.

Irritating to eyes.

#### **Toxicological information on ingredients.**

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

#### **Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg)**

1,034.0

#### **Species**

Rat

**ATE oral (mg/kg)**

1,034.0

#### **Acute toxicity - dermal**

**Acute toxicity dermal (LD50 mg/kg)**

2000.0

#### **Species**

Rabbit

##### **Sodium Carbonate**

#### **Acute toxicity - oral**

**Acute toxicity oral (LD50 mg/kg)**

2,800.0

#### **Species**

Rat

**ATE oral (mg/kg)**

2,800.0

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## SECTION 12: Ecological Information

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### 12.1. Toxicity

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

## Astonish Oxy Plus Stain Remover

### Ecological information on ingredients.

#### Sodium carbonate peroxyhydrate

##### **Acute toxicity - fish**

NOEC, 96 hours: 7.4 mg/l, Pimephales promelas LC , hours: mg/l, Pimephales promelas

##### **Acute toxicity - aquatic invertebrates**

NOEC, 48 hours: 2 mg/l, Daphnia pulex EC , : 4.9 mg/l, Daphnia pulex

#### Sodium Carbonate

##### **Acute toxicity - fish**

LC , 96 hours: 300 mg/l, Fish

### 12.2. Persistence and degradability

#### **Persistence and degradability**

The product is degraded completely by hydrolysis.

### 12.3. Bioaccumulative potential

No bio-accumulative potential noted for any component.

#### **Partition coefficient**

Not available.

### 12.4. Mobility in soil

#### **Mobility**

No concerns- the product will dissociate into naturally occurring ions whose levels are regulated by living organisms.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

None known.

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## **SECTION 13: Disposal considerations**

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### 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.

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## **SECTION 14: Transport information**

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**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 MARPOL73/78 and the IBC Code

Not applicable.

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## **SECTION 15: Regulatory information**

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## Astonish Oxy Plus Stain Remover

### 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

#### **SECTION 16: Other information**

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<b>Revision date</b>	06/11/2014
<b>Revision</b>	1
<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.