



## SAFETY DATA SHEET

### Astonish Oxy Active Plus Fabric Stain Remover

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

##### 1.1. Product identifier

Product name	Astonish Oxy Active Plus Fabric Stain Remover
Product number	WW472
Internal identification	WW472F2V2

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

Identified uses	Removing stains from fabrics
Uses advised against	Do not use on silk, leather or wool. Check for colour fastness before use. Check garment care instructions before use. Do not mix with Chlorine bleach.

##### 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
Manufacturer	As supplier.

##### 1.4. Emergency telephone number

Emergency telephone	UK - Emergency Telephone (01274) 767440 (8am-4pm Mon-Fri). ROI - Poisons Information Centre of Ireland: 01 809 2166 8am-10pm 7 days a week
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#### 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

###### Hazard pictograms



Signal word	Danger
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## Astonish Oxy Active Plus Fabric Stain Remover

<b>Hazard statements</b>	H318 Causes serious eye damage.
<b>Precautionary statements</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children and pets. P103 Read label before use. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves and eye protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor. P401 Store in a dry place and store at temperatures not exceeding 40C/104F P501 Dispose of contents/ container in accordance with national regulations.
<b>Contains</b>	Sodium carbonate peroxyhydrate
<b>Additional Labelling</b>	None
<b>Detergent labelling</b>	≥ 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> <span style="float: right;"><b>60-100%</b></span> 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>Sodium carbonate peroxyhydrate</b> <span style="float: right;"><b>30-60%</b></span> 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

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.

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**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.

### 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** 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

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**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.

## 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

**Eye/face protection** Wear eye protection.

**Hand protection** Wear protective gloves.

**Environmental exposure controls** This product does not pose a hazard in normal use when following the usage instructions.

## 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.

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<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
<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)

### 9.2. Other information

<b>Other information</b>	Self-accelerating decomposition temperature (SADT) >55C
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## 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.
<b>Skin contact</b>	Prolonged and frequent contact may cause redness and irritation. Irritating to eyes.

### Toxicological information on ingredients.

#### Sodium Carbonate

##### Acute toxicity - oral

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

Species Rat

ATE oral (mg/kg) 2,800.0

#### Sodium carbonate peroxyhydrate

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,034.0

Species Rat

ATE oral (mg/kg) 1,034.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,000.0

Species Rabbit

## 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.

### Ecological information on ingredients.

#### Sodium Carbonate

##### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 300 mg/l, Fish

#### Sodium carbonate peroxyhydrate

##### Acute aquatic toxicity

Acute toxicity - fish NOEC, 96 hours: 7.4 mg/l, Pimephales promelas  
LC<sub>50</sub>, hours: mg/l, Pimephales promelas

Acute toxicity - aquatic invertebrates NOEC, 48 hours: 2 mg/l, Daphnia pulex  
EC<sub>50</sub>, : 4.9 mg/l, Daphnia pulex

### 12.2. Persistence and degradability

**Persistence and degradability** The product is degraded completely by hydrolysis.

### 12.3. Bioaccumulative potential

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**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

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 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 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

## Astonish Oxy Active Plus Fabric Stain Remover

### 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.

## SECTION 16: Other information

### Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.  
CAS: Chemical Abstracts Service.  
EC<sub>50</sub>: 50% of maximal Effective Concentration.  
ECHA: European Chemicals Agency  
GHS: Globally Harmonized System.  
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.  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  
vPvB: Very Persistent and Very Bioaccumulative.

### General information

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.

### Revision comments

Product name change

### Issued by

The London Oil Refining Company Ltd

### Revision date

19/10/2020

### Revision

2.2

### Supersedes date

14/01/2019

### SDS number

4913

### Hazard statements in full

H272 May intensify fire; oxidiser.  
H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.