



## SAFETY DATA SHEET

### Astonish Oxy Active Non Bio Stain Remover

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

##### 1.1. Product identifier

<b>Product name</b>	Astonish Oxy Active Non Bio Stain Remover
<b>Product number</b>	WW472
<b>Internal identification</b>	WW472F3V4
<b>UFI</b>	UFI: WJQ2-V0JH-J00A-M36H

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

<b>Identified uses</b>	Removing stains from fabrics
<b>Uses advised against</b>	Always follow garment care instructions. Fully dissolve before contact with fabrics. Contains oxygen-based bleaching agents. If unsure check colour fastness with a solution on a small inconspicuous area before use. Do not use on silk, leather, wool, metal fastenings or flame-retardant fabrics. Do not mix with Chlorine bleach.

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

<b>Supplier</b>	The London Oil Refining Company Ltd The London Oil Refining Company Ltd Astonish House Unit 8 Thornbury Ind. Est. Woodhall Road Bradford BD3 7AF, UK Tel: +44 1274 767440 (8am-4pm Mon-Fri) www.astonishcleaners.co.uk
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Astonish Cleaners Europe Ltd  
38 Main Street  
Swords  
Co. Dublin  
Republic of Ireland  
K67E0A2  
Tel: +353 19131585 (8am-4pm Mon-Fri)  
www.astonishcleaners.eu

<b>Contact person</b>	info@astonish.co.uk info@astonishcleaners.eu
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<b>Manufacturer</b>	As supplier.
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##### 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 111.nhs.uk 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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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Not Classified

#### 2.2. Label elements

##### Hazard pictograms



Signal word	Danger
Hazard statements	H318 Causes serious eye damage.
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. P264 Wash hands thoroughly after handling. P280 Wear eye protection. P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON Centre or doctor/physician. P401 Store in a dry place and store at temperatures not exceeding 40C/104F
Supplemental label information	Do not mix with chlorine bleach.
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 UK 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
<b>Classification</b>	
Eye Irrit. 2 - H319	

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<b>Sodium carbonate peroxyhydrate</b>	<b>30-60%</b>
CAS number: 15630-89-4	EC number: 239-707-6
<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.
<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

<b>Inhalation</b>	May cause nose, throat, and lung irritation.
<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

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**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)** 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** For prolonged contact or sensitive skin wear rubber 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

**Appearance** White granules

**Colour** White.

**Odour** Odourless.

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<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
<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

**Other information** Self-accelerating decomposition temperature (SADT) >55C

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**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

**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

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

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### 10.5. Incompatible materials

**Materials to avoid** Avoid water, bases, heavy metal salts, reducing agents, organic materials, flammable materials and combustible materials. Do not mix with Chlorine Bleach

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Oxygen.

## 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.

#### Acute toxicity - oral

**ATE oral (mg/kg)** 3,446.67

**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

##### 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.

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### 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

**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

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### 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).

### 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.  
LC50: 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: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.  
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** Change of supplier's address Product Identifier and Revision Numbers restarted for new formulation

**Issued by** The London Oil Refining Company Ltd

**Revision date** 09/03/2023

**Revision** 3.4

## Astonish Oxy Active Non Bio Stain Remover

<b>Supersedes date</b>	16/02/2022
<b>SDS number</b>	4913
<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.