

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.

Contact person

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

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

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)

Removing stains from fabrics and various hard surfaces.

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 density900-1,200 kg/m³**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) >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.

SECTION 11: Toxicological information

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

SECTION 12: Ecological Information

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.

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 MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

| | |
|----------------------------------|---|
| Issued by | The London Oil Refining Company Ltd |
| Revision date | 06/11/2014 |
| Revision | 1 |
| SDS number | 4913 |
| Risk phrases in full | R8 Contact with combustible material may cause fire. R22 Harmful if swallowed. R36 Irritating to eyes. R41 Risk of serious damage to eyes. |
| Hazard statements in full | H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H318 Causes serious eye damage. H319 Causes serious eye irritation. |