

## SAFETY DATA SHEET

### Astonish Multi-Purpose Cleaner with Bleach

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

##### 1.1. Product identifier

<b>Product name</b>	Astonish Multi-Purpose Cleaner with Bleach
<b>Product number</b>	194501
<b>Internal identification</b>	1945F6V3

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

<b>Identified uses</b>	Cleaning tough stains and soils on hard surfaces around the kitchen and removing mould & mildew stains
<b>Uses advised against</b>	Avoid use on aluminium, painted or varnished surfaces. Do not use on fabrics, wood or paper as colour change may occur. Check colour compatibility with natural stone.

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

<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

## Astonish Multi-Purpose Cleaner with Bleach

### Classification (EC 1272/2008)

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Not Classified
<b>Environmental hazards</b>	Not Classified

### 2.2. Label elements

<b>Hazard statements</b>	NC Not Classified
<b>Precautionary statements</b>	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.
<b>Supplemental label information</b>	Caution: Contains chlorine bleach (sodium hypochlorite) Do not mix with other cleaning products. Not intended for use as a disinfectant.
<b>Additional Labelling</b>	None
<b>Detergent labelling</b>	< 5% anionic surfactants, < 5% chlorine-based bleaching agents, < 5% non-ionic surfactants, < 5% perfumes

### 2.3. Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>sodium hypochlorite</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 7681-52-9                      EC number: 231-668-3                      REACH registration number: 01-2119488154-34-XXXX M factor (Acute) = 10		
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400		
<b>Amines, C12-18(even numbered)-alkyldimethyl, N-oxides</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 68955-55-5                      EC number: 931-341-1                      REACH registration number: 01-2119489396-21-XXXX M factor (Acute) = 1		
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411		

## Astonish Multi-Purpose Cleaner with Bleach

<b>Sodium Hydroxide</b>		<b>&lt;1%</b>
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1A - H314		

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>	Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.
<b>Ingestion</b>	Drink water. If symptoms persist seek medical advice.
<b>Skin contact</b>	Rinse affected area with water.
<b>Eye contact</b>	Rinse thoroughly with water for several minutes. If symptoms persist seek medical advice.

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

<b>Inhalation</b>	Possible mild irritation of breathing passage and possible mouth irritation.
<b>Ingestion</b>	Possible mild stomach upset and mild soreness of mouth.
<b>Skin contact</b>	Possible mild transient irritation of skin.
<b>Eye contact</b>	Possible mild irritation, redness and soreness.

#### 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

<b>Suitable extinguishing media</b>	Use extinguisher suitable to cause of fire.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Product does not support combustion. Heat may result in chlorine gas, hydrogen chloride gas and chlorine oxides.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Wear breathing apparatus suitable for chlorine gas
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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid contact with skin and eyes.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Product is intended to be rinsed away to sewer after use. For bigger spillages non-household spillages prevent entry into sewer or drains.
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#### 6.3. Methods and material for containment and cleaning up

## Astonish Multi-Purpose Cleaner with Bleach

**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** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Use as instructed on label. Avoid breathing spray. Point spray away from face. Avoid contact with skin and eyes. Use only in well-ventilated areas.

**Incompatible Materials** Acids

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

**Storage precautions** Store in ambient conditions. Keep out of the reach of children.

### 7.3. Specific end use(s)

**Specific end use(s)** Cleaning hard surfaces around the home and removing mould and mildew stains.  
Observe precautions in section 7.1

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### sodium hypochlorite

Short-term exposure limit (15-minute): EU ELV 0.5 ppm 1.5 mg/m<sup>3</sup> Chlorine

Short-term exposure limit (15-minute): EH40 WEL 0.5 ppm 1.5 mg/m<sup>3</sup> Chlorine

##### Sodium Hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### Amines, C12-18(even numbered)-alkyldimethyl, N-oxides (CAS: 68955-55-5)

##### DNEL

Workers - Dermal; systemic effects: 11 mg/kg/day  
Workers - Inhalation; systemic effects: 15.5 mg/m<sup>3</sup>  
Workers - Dermal; local effects: 0.27 %  
General population - Dermal; systemic effects: 5.5 mg/kg/day  
General population - Inhalation; systemic effects: 3.8 mg/m<sup>3</sup>  
General population - Oral; systemic effects: 0.44 mg/kg/day

##### PNEC

- Fresh water; 0.0335 mg/l  
- marine water; 0.00335 mg/l  
- Intermittent release; 0.0335 mg/l  
- Sediment (Freshwater); 5.24 mg/kg  
- Sediment (Marinewater); 0.524 mg/kg  
- Soil; 1.02 mg/kg  
- STP; 24 mg/kg

### 8.2. Exposure controls

**Eye/face protection** Avoid contact with eyes. Avoid contact with face.

**Hand protection** For prolonged contact or sensitive skin wear rubber gloves.

**Respiratory protection** Use in a well ventilated area.

## Astonish Multi-Purpose Cleaner with Bleach

**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	Clear pale yellow thin liquid
Colour	Pale Yellow
Odour	Floral bleach
Odour threshold	Not known.
pH	pH (concentrated solution): 12.5 - 13.4
Melting point	Not known.
Initial boiling point and range	Not measured (>100°C)
Flash point	Not determined.
Evaporation rate	Not known.
Evaporation factor	Not known.
Flammability (solid, gas)	Does not ignite.
Upper/lower flammability or explosive limits	Does not ignite.
Other flammability	Not relevant.
Vapour pressure	Not determined.
Vapour density	> 1 (Air=1)
Relative density	1.018 - 1.030 @ 20°C
Bulk density	Not relevant.
Solubility(ies)	Soluble in water
Partition coefficient	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not available.
Viscosity	Not measured
Explosive properties	None
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable.

#### 9.2. Other information

Other information      None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity      Will react with acids to produce chlorine gas

#### 10.2. Chemical stability

## Astonish Multi-Purpose Cleaner with Bleach

**Stability** Decomposes under normal conditions over a very long period. See Section 10.3 (Possibility of hazardous reactions) for further information.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Will produce chlorine when reacted with acids. Retail pack will produce such low volumes the risk to health is considered negligible.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, Chlorine gas will be liberated upon heating

### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with acids, organic materials, hydrogen peroxide, metal salts, copper, nickel, iron and ammonia and ammonium compounds - Chlorine gas will be liberated upon contact.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Rapid and extreme decomposition may release acids of phosphorus, phosphorus oxides, carbon oxides, hydrogen chloride, chlorine and chlorine oxides.

## 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)** 42,560.0

## 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.

### 12.2. Persistence and degradability

**Persistence and degradability** Contains detergents that satisfy the bio-degradation requirements of directive 648/2004/EC.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is not expected.

**Partition coefficient** Not known.

### 12.4. Mobility in soil

**Mobility** The components of the mixture are readily absorbed into soil and are mobile in water environment.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** No data available.

### 12.6. Other adverse effects

**Other adverse effects** Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

## Astonish Multi-Purpose Cleaner with Bleach

### 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

##### 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).  
Dangerous Preparations Directive 1999/45/EC.  
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

## Astonish Multi-Purpose Cleaner with Bleach

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

ATE: Acute Toxicity Estimate.  
CAS: Chemical Abstracts Service.  
DNEL: Derived No Effect Level.  
ECHA: European Chemicals Agency  
GHS: Globally Harmonized System.  
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

Updated Regulatory Information In Section 15

### Revision date

02/11/2022

### Revision

6.3

### Supersedes date

18/03/2021

### SDS number

5046

### Hazard statements in full

H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.