



## SAFETY DATA SHEET

### Astonish Specialist Extra Strength Antibacterial Surface Cleanser

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

##### 1.1. Product identifier

|                                |   |
|--------------------------------|---|
| <b>Product name</b>            | Astonish Specialist Extra Strength Antibacterial Surface Cleanser |
| <b>Product number</b>          | 670001  |
| <b>Internal identification</b> | 6700F3V1  |

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

|                             |   |
|-----------------------------|---|
| <b>Identified uses</b>      | Cleaning hard surfaces around the home with antibacterial action. For surface disinfection allow 5 minutes contact time.                                |
| <b>Uses advised against</b> | Allow food preparation areas to dry fully before use. Do not use on porous surfaces. Do not use directly on food or for sterilisation of baby utensils. |

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

|                       |   |
|-----------------------|---|
| <b>Supplier</b>       | The London Oil Refining Company Ltd<br>Astonish House<br>Unit 1 Premier Point<br>Staithgate Lane<br>Bradford, BD6 1DW<br>UK<br>+ 44 1274 767440<br>+ 44 1274 726285<br>www.astonishcleaners.com |
| <b>Contact person</b> | info@astonish.co.uk   |
| <b>Manufacturer</b>   | As supplier.  |

##### 1.4. Emergency telephone number

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

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

|                              |                          |
|------------------------------|--------------------------|
| <b>Physical hazards</b>      | Not Classified           |
| <b>Health hazards</b>        | Eye Irrit. 2 - H319      |
| <b>Environmental hazards</b> | Aquatic Chronic 3 - H412 |

##### 2.2. Label elements

###### Hazard pictograms



## Astonish Specialist Extra Strength Antibacterial Surface Cleanser

|                                 |  |
|---------------------------------|--|
| <b>Signal word</b>              | Warning  |
| <b>Hazard statements</b>        | H319 Causes serious eye irritation.<br>H412 Harmful to aquatic life with long lasting effects.   |
| <b>Precautionary statements</b> | P101 If medical advice is needed, have product container or label at hand.<br>P102 Keep out of reach of children.<br>P103 Read label before use.<br>P264 Wash hands thoroughly after handling.<br>P273 Avoid release to the environment.<br>P280 Wear eye protection.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P337+P313 If eye irritation persists: Get medical advice/ attention. |
| <b>Additional Labelling</b>     | None   |
| <b>Biocide Labelling</b>        | Contains active substance: Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides   |
| <b>Detergent labelling</b>      | < 5% cationic surfactants, < 5% disinfectants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants   |

### 2.3. Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|  |                      |
|--|----------------------|
| <b>Butyl Diglycol</b>                            | <b>1-5%</b>          |
| CAS number: 112-34-5                             | EC number: 203-961-6 |
| <b>Classification</b>                            |                      |
| Eye Irrit. 2 - H319                              |                      |
| <b>tetrasodium ethylene diamine tetraacetate</b> | <b>&lt;1%</b>        |
| CAS number: 64-02-8                              | EC number: 200-573-9 |
| <b>Classification</b>                            |                      |
| Acute Tox. 4 - H302                              |                      |
| Acute Tox. 4 - H332                              |                      |
| Eye Dam. 1 - H318                                |                      |
| STOT RE 2 - H373                                 |                      |

## Astonish Specialist Extra Strength Antibacterial Surface Cleanser

|   |                        |
|---|------------------------|
| <b>Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides</b>  | <b>&lt;1%</b>          |
| CAS number: 68424-85-1  | EC number: 270-325-2   |
| M factor (Acute) = 1  | M factor (Chronic) = 1 |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 1 - H410 |                        |

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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing. |

#### 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>  | Causes eye irritation.   |

#### 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** Product does not support combustion, minimal fire hazard. Minimal quantities of oxides of carbon may be produced.

#### 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.

## Astonish Specialist Extra Strength Antibacterial Surface Cleanser

### 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** 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 eyes.

### 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 providing antibacterial action.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### **Butyl Diglycol**

Long-term exposure limit (8-hour TWA): 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 15 ppm 101.2 mg/m<sup>3</sup>

### 8.2. Exposure controls

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

**Hand protection** For users with sensitive skin, it is recommended that suitable protective gloves are worn.

**Environmental exposure controls** This product does not pose a hazard in normal use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |                                       |
|--|---------------------------------------|
| <b>Appearance</b>                      | Clear colourless liquid               |
| <b>Colour</b>                          | Colourless.                           |
| <b>Odour</b>                           | Mild Alcoholic                        |
| <b>Odour threshold</b>                 | Not known.                            |
| <b>pH</b>                              | pH (concentrated solution): 6.0 - 8.0 |
| <b>Melting point</b>                   | Not known.                            |
| <b>Initial boiling point and range</b> | Not measured (>100°C)                 |
| <b>Flash point</b>                     | Not determined.                       |
| <b>Evaporation rate</b>                | Not known.                            |

## Astonish Specialist Extra Strength Antibacterial Surface Cleanser

|   |                                 |
|---|---------------------------------|
| <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 determined.                 |
| <b>Vapour density</b>                               | > 1 (Air=1)                     |
| <b>Relative density</b>                             | 0.994 - 1.010 @ 20°C            |
| <b>Bulk density</b>                                 | Not relevant.                   |
| <b>Solubility(ies)</b>                              | Soluble in water                |
| <b>Partition coefficient</b>                        | Not known.                      |
| <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 applicable.                 |

### 9.2. Other information

**Other information**                      None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity**                              No reactivity hazards expected.

### 10.2. Chemical stability

**Stability**                                Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**      None under normal conditions.

### 10.4. Conditions to avoid

**Conditions to avoid**                      None known.

### 10.5. Incompatible materials

**Materials to avoid**                      None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products**      Carbon oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## Astonish Specialist Extra Strength Antibacterial Surface Cleanser

**Toxicological effects** This mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Toxicity** The product is considered harmful to aquatic life. Normal use of product is not expected to pose a risk to the environment.

#### 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** Not available.

**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

**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.

## Astonish Specialist Extra Strength Antibacterial Surface Cleanser

### 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.

Not applicable.

## SECTION 15: Regulatory information

### 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.  
Directive 98/8/EC of the European Parliament and of the Council of 16 February 1998 concerning the placing of biocidal products on the market

### 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

CAS: Chemical Abstracts Service.  
ECHA: European Chemicals Agency  
GHS: Globally Harmonized System.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
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.

#### Key literature references and sources for data

Classification in accordance with Article 6(5) of the CLP Regulation

#### Revision comments

Revised formulation.

#### Issued by

The London Oil Refining Company Ltd

#### Revision date

21/05/2020

#### Revision

3.1

#### Supersedes date

14/05/2020

#### SDS number

5262

## Astonish Specialist Extra Strength Antibacterial Surface Cleanser

### Hazard statements in full

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H373 May cause damage to organs (Respiratory tract) through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.