



## SAFETY DATA SHEET

### Astonish Hob Cream Cleaner

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

##### 1.1. Product identifier

<b>Product name</b>	Astonish Hob Cream Cleaner
<b>Product number</b>	108501
<b>Internal identification</b>	1085F7V1

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

<b>Identified uses</b>	Cleaning ceramic hobs, glass halogen hobs and microwaves.
<b>Uses advised against</b>	Do not use on gold, silver, pewter, non-stick coatings, lacquered surfaces or polished plastic surfaces. Do not use of hob decals or transfers.

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

<b>Supplier</b>	The London Oil Refining Company Ltd Astonish House Unit 1 Premier Point Staithgate Lane Bradford, BD6 1DW UK + 44 1274 767440 + 44 1274 726285 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>	(01274) 767440 (office hours only)
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#### 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>	Not Classified
<b>Environmental hazards</b>	Not Classified

##### 2.2. Label elements

<b>Hazard statements</b>	NC Not Classified
<b>Precautionary statements</b>	P102 Keep out of reach of children. P103 Read label before use.
<b>Additional Labelling</b>	None

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### Detergent labelling

< 5% non-ionic surfactants, < 5% perfumes, Contains d-Limonene, 2-Octyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one

### 2.3. Other hazards

None

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Cristobalite Flour</b>	<b>10-30%</b>
CAS number: 14464-46-1	EC number: 238-455-4
<b>Classification</b>	
STOT RE 1 - H372	
<b>Citric Acid Monohydrate</b>	<b>1-5%</b>
CAS number: 5949-29-1	EC number: 201-069-1
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>d-Limonene</b>	<b>&lt;1%</b>
CAS number: 5989-27-5	EC number: 227-813-5
M factor (Chronic) = 1	
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1B - H317	
Asp. Tox. 1 - H304	
Aquatic Chronic 1 - H410	
<b>2-Octyl-2H-isothiazol-3-one</b>	<b>&lt;1%</b>
CAS number: 26530-20-1	EC number: 247-761-7
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
Skin Corr. 1B - H314	
Skin Sens. 1A - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	

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<b>2-methylisothiazol-3(2H)-one</b>	<b>&lt;1%</b>
CAS number: 2682-20-4	EC number: 220-239-6
M factor (Acute) = 1	

<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 3 - H311 Skin Corr. 1B - H314 Skin Sens. 1 - H317 STOT SE 3 - H335 Aquatic Acute 1 - H400
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<b>1,2-benzisothiazol-3(2H)-one</b>	<b>&lt;1%</b>
CAS number: 2634-33-5	EC number: 220-120-9
M factor (Acute) = 1	

<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411
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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

**Suitable extinguishing media** Use extinguisher suitable to cause of fire.

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### 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.

### 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.

### 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 ceramic hobs, glass halogen hobs and microwaves.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### **Cristobalite Flour**

Long-term exposure limit (8-hour TWA): 0.1 mg/m<sup>3</sup> respirable crystalline

##### Citric Acid Monohydrate (CAS: 5949-29-1)

##### **PNEC**

- Fresh water; 0.44 mg/l
- Sediment (Freshwater); 3.46 mg/kg
- Sediment (Marinewater); 34.6 mg/kg
- Marine water; 0.044 mg/l
- STP; >1000 mg/l
- Soil; 33.1 mg/kg

### 8.2. Exposure controls

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

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**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>	Off White Semi-Viscous Opaque Liquid
<b>Colour</b>	Off White
<b>Odour</b>	Lemon
<b>Odour threshold</b>	Not known.
<b>pH</b>	pH (concentrated solution): 1.8 - 3.5
<b>Melting point</b>	Not known.
<b>Initial boiling point and range</b>	Not measured (>100°C)
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not measured.
<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>	> 1 (Air=1)
<b>Relative density</b>	1.11 - 1.15 @ 20°C
<b>Bulk density</b>	Not relevant.
<b>Solubility(ies)</b>	Soluble in water Cristobolite - insoluble
<b>Partition coefficient</b>	Not known.
<b>Auto-ignition temperature</b>	Not known.
<b>Decomposition Temperature</b>	Not known.
<b>Viscosity</b>	1500 - 2750 cP @ 20°C
<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.

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### 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

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

**Other health effects** Cristobolite - Contains respirable cristobolite and respirable quartz as an impurity and classified as STOT RE2. Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica. Once dispersed fully in the product the risk of respirable silica becoming airborne is negligible.

## 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** Does not contain any components considered to be persistent. Contains detergents that satisfy the biodegradation requirements of directive 648/2004/EC.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No bio-accumulative potential noted for any component.

**Partition coefficient** Not known.

### 12.4. Mobility in soil

**Mobility** Semi-mobile.

### 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.

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### 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** 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

##### 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

## Astonish Hob Cream Cleaner

<b>Abbreviations and acronyms used in the safety data sheet</b>	CAS: Chemical Abstracts Service. 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.
<b>Revision comments</b>	Revised formulation. Revised Internal Identification.
<b>Issued by</b>	The London Oil Refining Company Ltd
<b>Revision date</b>	16/08/2019
<b>Revision</b>	7.1
<b>Supersedes date</b>	15/09/2017
<b>SDS number</b>	4937
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H335 May cause respiratory irritation. H372 Causes damage to organs (Lungs) through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.