



## SAFETY DATA SHEET

### Astonish Original Oven & Cookware Cleaner

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

##### 1.1. Product identifier

<b>Product name</b>	Astonish Original Oven & Cookware Cleaner
<b>Product number</b>	PASTE(KILOS)
<b>Internal identification</b>	F5V2

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

<b>Identified uses</b>	Cleaning pans, ovens and other hard surfaces in and around the house.
<b>Uses advised against</b>	Do not use on plastics, non-stick coatings, polished metal or brushed stainless steel. Also do not use on cracked or damaged enamel or glass.

##### 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 (01274) 767440 (office hours only) www.astonishcleaners.com (01274) 726285
<b>Contact person</b>	info@astonish.co.uk

##### 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>	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.

##### **Additional Labelling**

<b>Detergent labelling</b>	< 5% perfumes, < 5% soap, Contains d-Limonene
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### 2.3. Other hazards

None

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Silica Flour</b>	<b>60-100%</b>
CAS number: 14808-60-7	

<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
STOT RE 1 - H372	T; R48/23/24/25

<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>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn; R65. Xi; R38. N; R50/53. R10, R43
Skin Irrit. 2 - H315	
Skin Sens. 1B - H317	
Asp. Tox. 1 - H304	
Aquatic Chronic 1 - H410	

<b>citral</b>	<b>&lt;1%</b>
CAS number: 5392-40-5                      EC number: 226-394-6	

<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Irrit. 2 - H315	Xi; R38. R43
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	

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>	Wash skin thoroughly with soap and water. Take off contaminated clothing and wash it before reuse. Get medical attention if irritation persists after washing.
<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>	Causes skin irritation.
<b>Eye contact</b>	Possible mild irritation, redness and soreness.

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### 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                      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      None

### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Usage precautions                      Use as instructed on label. Avoid contact with skin.

#### 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 pans, ovens and other hard surfaces in and around the house.

### **SECTION 8: Exposure Controls/personal protection**

#### 8.1. Control parameters

##### Occupational exposure limits

##### **Silica Flour**

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

WEL = Workplace Exposure Limit

#### 8.2. Exposure controls

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

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### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Grey Solid Smooth Paste
<b>Colour</b>	Grey.
<b>Odour</b>	Lemon.
<b>Odour threshold</b>	Not known.
<b>pH</b>	pH (diluted solution): 9.0 - 10.5 (1% aq.)
<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.
<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>	~ 1.6 @ 20°C
<b>Bulk density</b>	Not relevant.
<b>Solubility(ies)</b>	Silica Flour - Insoluble 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 determined.
<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.

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### 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**      Silica Flour- Contains respirable quartz and is classified as STOT RE1. 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

**Ecotoxicity**      The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

### 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**      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.

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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

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

CAS: Chemical Abstracts Service.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
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.

## Astonish Original Oven & Cookware Cleaner

<b>Revision comments</b>	Updated using updated fragrance information from supplier
<b>Issued by</b>	The London Oil Refining Company Ltd
<b>Revision date</b>	07/11/2017
<b>Revision</b>	5.2
<b>Supersedes date</b>	11/08/2017
<b>SDS number</b>	5004
<b>Risk phrases in full</b>	R10 Flammable. R34 Causes burns. R38 Irritating to skin. R43 May cause sensitisation by skin contact. R48/23/24/25 Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed.
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure. H410 Very toxic to aquatic life with long lasting effects.