



SAFETY DATA SHEET

Astonish Specialist Dish & Pan Cleaner

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

1.1. Product identifier

Product name Astonish Specialist Dish & Pan Cleaner
Product number 861001
Internal identification F1V1

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

Identified uses Cleaning glazed ceramics, Pyrex, steel and copper pan interior surfaces and bakeware.
Uses advised against Do not use on non-stick or Teflon coatings

1.3. Details of the supplier of the safety data sheet

Supplier

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

Contact person info@astonish.co.uk

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 (EC 1272/2008)

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified
Precautionary statements 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

Detergent labelling < 5% anionic surfactants, < 5% perfumes, < 5% soap

2.3. Other hazards

Astonish Specialist Dish & Pan Cleaner

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Silica Flour	60-100%
CAS number: 14808-60-7	

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

Sodium Silicate			<1%
CAS number: 1344-09-8	EC number: 215-687-4	REACH registration number: 01-2119448725-31-0000	

Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	C; R34
Eye Dam. 1 - H318	
STOT SE 3 - H335	

Glycerol			<1%
CAS number: 56-81-5	EC number: 200-289-5		

Classification	Classification (67/548/EEC or 1999/45/EC)
Not Classified	NC Not Classified

Benzyl salicylate			<1%
CAS number: 118-58-1	EC number: 204-262-9		

Classification	Classification (67/548/EEC or 1999/45/EC)
Eye Irrit. 2 - H319	Xi; R36. R43, R52/53
Skin Sens. 1B - H317	
Aquatic Chronic 3 - H412	

Linalool			<1%
CAS number: 78-70-6	EC number: 201-134-4		

Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	Xi; R36/38
Eye Irrit. 2 - H319	

Astonish Specialist Dish & Pan Cleaner

2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol		<1%
CAS number: 28219-61-6	EC number: 248-908-8	
M factor (Chronic) = 1		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Skin Irrit. 2 - H315	Xi; R38. N; R50/53	
Eye Irrit. 2 - H319		
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

Inhalation	Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.
Ingestion	Drink water. If symptoms persist seek medical advice.
Skin contact	Rinse affected area with water.
Eye contact	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

Inhalation	Possible mild irritation of breathing passage and possible mouth irritation.
Ingestion	Possible mild stomach upset and mild soreness of mouth.
Skin contact	Possible mild transient irritation of skin.
Eye contact	Causes eye irritation.

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

Astonish Specialist Dish & Pan Cleaner

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.

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 kitchen cookware such as dishes and pans.

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/m³ Inhalation

Sodium Silicate

Long-term exposure limit (8-hour TWA): DNEL, Workers 1.59 mg/kg Dermal

Long-term exposure limit (8-hour TWA): DNEL, Workers 5.61 mg/m³ Inhalation

Long-term exposure limit (8-hour TWA): DNEL, General 0.8 mg/kg Oral

Long-term exposure limit (8-hour TWA): DNEL, General 1.38 mg/m³ Inhalation

Long-term exposure limit (8-hour TWA): DNEL, General 0.8 mg/kg Dermal

Glycerol

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ mist

Benzyl salicylate

Long-term exposure limit (8-hour TWA): DNEL 3.17 mg/m³ Inhalation

Long-term exposure limit (8-hour TWA): DNEL 0.9 mg/kg Dermal

Linalool

Long-term exposure limit (8-hour TWA): DNEL 2.5 mg/kg Dermal

Long-term exposure limit (8-hour TWA): DNEL 2.8 mg/m³ Inhalation

Long-term exposure limit (8-hour TWA): DNEL 15 mg/cm³ Dermal

Short-term exposure limit (15-minute): DNEL 15 mg/cm³ Dermal

2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol

Long-term exposure limit (8-hour TWA): DNEL 0.5 mg/kg Oral

Short-term exposure limit (15-minute): DNEL 3 mg/kg Oral

Short-term exposure limit (15-minute): DNEL 6 mg/kg Dermal

Long-term exposure limit (8-hour TWA): DNEL 1.4 mg/kg Dermal

Short-term exposure limit (15-minute): DNEL 7 mg/m³ Inhalation

Long-term exposure limit (8-hour TWA): DNEL 7 mg/m³ Inhalation

WEL = Workplace Exposure Limit

Astonish Specialist Dish & Pan Cleaner

8.2. Exposure controls

Environmental exposure controls This product does not pose a hazard in normal use when following the usage instructions. Take care to avoid contact with skin and eyes. Gloves may be required for repeated or prolonged exposure.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Green solid paste with smooth texture
Colour	Green.
Odour	Fresh/Floral
Odour threshold	Not known.
pH	pH (diluted solution): 9.0 - 10.5 (1% aq.)
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	~ 1.6 @ 20°C
Bulk density	Not relevant.
Solubility(ies)	Silica Flour - Insoluble in Water
Partition coefficient	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not available.
Viscosity	Not determined.
Explosive properties	None
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not available.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

Astonish Specialist Dish & Pan Cleaner

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

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 mixture is not classified as harmful to the aquatic environment.

12.2. Persistence and degradability

Persistence and degradability Contains detergents that satisfy the biodegradation requirements of directive 648/2004/EC. No other relevant information is available.

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

Astonish Specialist Dish & Pan Cleaner

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.

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.

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

SECTION 16: Other information

Astonish Specialist Dish & Pan Cleaner

Abbreviations and acronyms used in the safety data sheet	CAS: Chemical Abstracts Service. DNEL: Derived No Effect Level. 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.
Revision comments	This is first issue.
Issued by	The London Oil Refining Company Ltd
Revision date	11/08/2017
Revision	1
SDS number	5165
Risk phrases in full	R34 Causes burns. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. 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. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Hazard statements in full	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.