



SAFETY DATA SHEET

Astonish Hob Cream Cleaner.

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

1.1. Product identifier

Product name	Astonish Hob Cream Cleaner.
Product number	108501
Internal identification	1085F7V2

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

Identified uses	Cleaning ceramic hobs, glass halogen hobs and microwaves.
Uses advised against	Do not use on gold, silver, pewter, non-stick coatings, lacquered surfaces or polished plastic surfaces. Do not use on hob decals or transfers. Care is needed on delicate or polished surfaces to avoid scratching.

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) (01274) 726285 www.astonishcleaners.com
Contact person	info@astonish.co.uk
Manufacturer	As supplier.

1.4. Emergency telephone number

Emergency telephone	UK - Emergency Telephone (01274) 767440 (8am-4pm Mon-Fri). 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)

Physical hazards	Not Classified
Health hazards	Skin Sens. 1 - H317
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word	Warning
--------------------	---------

Astonish Hob Cream Cleaner.

Hazard statements	H317 May cause an allergic skin reaction.
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. P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/ attention.
Contains	2-methylisothiazol-3(2H)-one
Additional Labelling	None
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

Cristobalite Flour	10-30%
CAS number: 14464-46-1	EC number: 238-455-4
Classification STOT RE 1 - H372	
Citric Acid Monohydrate	1-5%
CAS number: 5949-29-1	EC number: 201-069-1
Classification Eye Irrit. 2 - H319	
d-Limonene	<1%
CAS number: 5989-27-5	EC number: 227-813-5
M factor (Chronic) = 1	
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Chronic 1 - H410	

Astonish Hob Cream Cleaner.

2-Octyl-2H-isothiazol-3-one		<1%
CAS number: 26530-20-1	EC number: 247-761-7	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification		
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		
2-methylisothiazol-3(2H)-one		<1%
CAS number: 2682-20-4	EC number: 220-239-6	
M factor (Acute) = 1		
Classification		
Acute Tox. 3 - H301		
Acute Tox. 3 - H311		
Skin Corr. 1B - H314		
Skin Sens. 1 - H317		
STOT SE 3 - H335		
Aquatic Acute 1 - H400		
1,2-benzisothiazol-3(2H)-one		<1%
CAS number: 2634-33-5	EC number: 220-120-9	
M factor (Acute) = 1		
Classification		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		

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	Wash skin thoroughly with soap and water. Take off contaminated clothing and wash it before reuse. Get medical attention if irritation persists after washing.
Eye contact	Rinse thoroughly with water for several minutes. If symptoms persist seek medical advice.

Astonish Hob Cream Cleaner.

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	Causes skin irritation.
Eye contact	Possible mild irritation, redness and soreness.

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 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 contact with skin.

Incompatible Materials Chlorine containing bleach

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. Observe precautions in section 7.1.

SECTION 8: Exposure controls/Personal protection

Astonish Hob Cream Cleaner.

8.1. Control parameters

Occupational exposure limits

Cristobalite Flour

Long-term exposure limit (8-hour TWA): 0.1 mg/m³ respirable crystalline

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

PNEC	<ul style="list-style-type: none"> - 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

Eye/face protection	Avoid contact with eyes.
Hand protection	Wear protective gloves.
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

Appearance	Off White Semi-Viscous Opaque Liquid
Colour	Off White
Odour	Lemon
Odour threshold	Not known.
pH	pH (concentrated solution): 1.8 - 3.5
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	1.11 - 1.15 @ 20°C
Bulk density	Not relevant.
Solubility(ies)	Soluble in water Cristobolite - insoluble
Partition coefficient	Not known.

Astonish Hob Cream Cleaner.

Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
Viscosity	1500 - 2750 cP @ 20°C
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 chlorine bleach to produce chlorine gas

10.2. Chemical stability

Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

Conditions to avoid None known.

10.5. Incompatible materials

Materials to avoid Do not mix with Chlorine Bleach

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.

Astonish Hob Cream Cleaner.

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.

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.

Astonish Hob Cream Cleaner.

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.
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.

Revision comments Revised classification. Product name change.

Issued by The London Oil Refining Company Ltd

Revision date 21/04/2020

Revision 7.2

Supersedes date 16/08/2019

SDS number 4937

Hazard statements in full 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.