

SAFETY DATA SHEET

Astonish Clean & Protect Antibacterial Handwash

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

1.1. Product identifier

Product name	Astonish Clean & Protect Antibacterial Handwash
Product number	467201
Internal identification	4672F4V1

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

Identified uses	Washing hands
Uses advised against	Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

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	Avoid contact with eyes In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed seek medical advice immediately and show this container or label. Do not store in direct sunlight.
Supplemental label information	This is a cosmetic product and should not be used as a hand sanitizer.

Astonish Clean & Protect Antibacterial Handwash

Additional Labelling None

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Sodium Laureth Sulfate			5-10%
CAS number: 68891-38-3	EC number: 500-234-8	REACH registration number: 01-2119488639-16-XXXX	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412			
Glycerol			<1%
CAS number: 56-81-5	EC number: 200-289-5		
Classification Not Classified			
Citric Acid Monohydrate			<1%
CAS number: 5949-29-1	EC number: 201-069-1		
Classification Eye Irrit. 2 - H319			
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate			<1%
CAS number: 51981-21-6	EC number: 257-573-7	REACH registration number: 01-2119493601-38-0000	
Classification Not Classified			
Lactic acid			<1%
CAS number: 79-33-4	EC number: 201-196-2	REACH registration number: 01-2119474164-39-XXXX	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318			

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.

Astonish Clean & Protect Antibacterial Handwash

Ingestion	Drink water. If symptoms persist seek medical advice.
Skin contact	Rinse affected area with water.
Eye contact	Rinse thoroughly with water for several minutes. If symptoms persist seek medical advice.

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	Not considered to be hazardous when in contact with skin. However for sensitive individuals, product may cause redness, itching and 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.
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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.
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5.3. Advice for firefighters

Protective actions during firefighting	Use protection suitable to cause of fire.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with eyes.
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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.
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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.
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6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Use as instructed on label.
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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Store in ambient conditions. Protect from sunlight.
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7.3. Specific end use(s)

Astonish Clean & Protect Antibacterial Handwash

Specific end use(s) Washing hands

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Glycerol

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

WEL = Workplace Exposure Limit.

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

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate (CAS: 51981-21-6)

DNEL	Workers - Inhalation; Short term systemic effects: 55 mg/m ³
	Workers - Inhalation; Short term local effects: 55 mg/m ³
	Workers - Inhalation; Long term systemic effects: 7.3 mg/m ³
	Workers - Dermal; Long term systemic effects: 15000 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 1.8 mg/m ³
	Consumer - Dermal; Long term systemic effects: 7500 mg/kg/day
	Consumer - Oral; Long term systemic effects: 1.5 mg/kg/day

8.2. Exposure controls

Eye/face protection Avoid contact with eyes.

Environmental exposure controls This product does not pose a hazard in normal use when following the usage instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Clear Blue Viscous Liquid
Colour	Blue.
Odour	Rosemary/Herbal
Odour threshold	Not known.
pH	pH (concentrated solution): 4.0 - 6.0
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.

Astonish Clean & Protect Antibacterial Handwash

Upper/lower flammability or explosive limits	Does not ignite.
Other flammability	Not relevant.
Vapour pressure	Not determined.
Vapour density	> 1 (Air=1)
Relative density	1.013 - 1.033 @ 20°C
Bulk density	Not relevant.
Solubility(ies)	Soluble in water
Partition coefficient	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not available.
Viscosity	3000 - 6000 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.
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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.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal conditions.
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10.4. Conditions to avoid

Conditions to avoid	None known.
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10.5. Incompatible materials

Materials to avoid	None known.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon oxides.
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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.
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Astonish Clean & Protect Antibacterial Handwash

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.

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.

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

Astonish Clean & Protect Antibacterial Handwash

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 Regulation (EC) No. 1223/2009 of 30/11/2009 and replaces the Directive 76/768/EEC concerning cosmetic products.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out. An independent safety assessment has been carried out in accordance with Regulation (EC) No. 1223/2009 of 30/11/2009 and replaces the Directive 76/768/EEC concerning cosmetic products. The assessment confirmed the product to be safe for use in its stated application. A copy of this assessment is available upon request.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

CAS: Chemical Abstracts Service.
DNEL: Derived No Effect Level.
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.

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.

Revision comments Revised formulation.

Issued by

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Revision 4.1

Supersedes date 14/01/2020

SDS number 5357

Hazard statements in full

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.