



SAFETY DATA SHEET

Safety data sheet in accordance with Commission Regulation (EU) No. 453/2010 of 20th May 2010 of the European parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

1. Identification of the substance/preparation and company/undertaking
  - 1.1 Product: Astonish Aloe Vera & Lotus Antibacterial Handwash
  - 1.2 Use of the preparation: Washing hands with additional antibacterial action
  - 1.3 Company: The London Oil Refining Company Ltd  
Astonish House  
Unit 1 Premier Point  
Staithgate Lane  
Bradford BD6 1DW  
Tel: (01274)767440 Fax: (01274) 726285  
www.astonishcleaners.com  
info@astonish.co.uk
  - 1.4 Emergency Telephone: (01274) 767440 (office hours only)



2. Hazards identification
  - 2.1 Classification of the mixture.  
This product is not classified as hazardous in accordance to EU directive 1999/45/EC.

- 2.2 Label elements.  
The following safety phrases are recommended to be observed when using the product and are therefore on the label;

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S46 If swallowed seek medical advice immediately and show this container or label.

Co-components that must be listed on the label:

Aqua, Sodium Laureth Sulphate, Sodium Chloride, Cocamide DEA, Glycerin, Cocamidopropyl Betaine, Parfum, Triclosan, Isopropyl Alcohol, Citric Acid, Aloe Barbadensis, Tetrasodium EDTA, Benzyl Alcohol, Methylchloroisothiazolinone, Methylisothiazolinone, Sodium Benzoate, Potassium Sorbate, CI 19140, CI 42045 and CI 18965

- 2.3 Other hazards.  
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3. Composition/information on ingredients

Chemical	CAS No.	EINECS No.	Registration Number	% Conc	Classification 1999/45/EC	Classification 1272/2008
Sodium laureth sulphate	68891-38-3	500-234-8	-	5-15%	Xi, R41 R38	Eye Irrit. 2—H319; Skin Irrit. 2-H315
Amides, C8-18(even numbered) and C18-unsatd.,N, N-bis (hydroxyethyl)	68603-42-9	271-657-0	01-2119490100-53-XXXX	1-5%	Xi, R41 R38	Eye Dam. 1—H318; Skin Irrit. 2-H315

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

Eye:

Possible mild irritation, redness and soreness.

Skin:

Possible mild transient irritation of skin. Possible contact sensitization due to coumarin.

Ingestion:

Possible mild stomach upset and mild soreness of mouth

4.3 Indication of any immediate medical attention and special treatment needed.

No data available.

5. Fire fighting measures

5.1 Extinguishing media

Use extinguisher suitable to cause of fire.

5.2 Special hazards arising from the substance or mixture.

In case of fire the following can be released; nitrogen oxides, Carbon oxides, sulphur oxides and hydrogen cyanide.

5.3 Advice for firefighters

Use protection suitable to cause of fire.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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6.2 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.

Absorb household spillages with e.g. kitchen roll and dispose of in bin. Wipe effected area clean with a damp cloth.

6.4 Reference to other sections

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7. Handling and storage.

7.1 Precautions for safe handling

Use as instructed on label.

7.2 Conditions for safe storage, including any incompatibilities.

Store in ambient conditions.

7.3 Specific end use(s)

Washing hands with additional antibacterial action

8. Exposure controls/ personal protection

8.1 Control parameters

Ingredient with limit values where monitoring at the workplace is recommended: Amides, C8-18(even numbered) and C18-unsatd.,N, N-bis(hydroxyethyl)

DNELs Workers DNEL (dermal) 4.16 mg/kg/day

8.2 Exposure controls

This product does not pose a hazard in normal use. Care should be taken not to inhale the spray. No personal protective equipment is necessary.

9. Physical and chemical properties

9.1 Important health, safety and environmental information

Appearance: Green viscous liquid

Odour: Aloe Vera & Lotus

pH : 5.5 — 7.0

Boiling point: Not measured (>100°C)

Flash Point: Not applicable

Flammability: Does not ignite

Explosive properties: None

Oxidising properties: Not available

Vapour pressure: Not available

Relative density: 1.01—1.03

Solubility: Soluble in water

Water solubility: Completely soluble

Partition coefficient: n-octanol/water:

Not available

Viscosity: Not measured

Vapour density: >1 (Air=1)

Evaporation rate: Not measured

9.2 Other information

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10. Stability and reactivity

10.1 Reactivity

No reactivity hazards expected.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reaction

None under normal conditions.

10.4 Conditions to avoid

None

10.5 Incompatible materials

None

10.6 Hazardous decomposition products

nitrogen oxides, Carbon oxides, sulphur oxides and hydrogen cyanide.

11. Information on toxicological effects.

11.1 Toxicity.

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

Sodium laureth sulphate

Acute toxicity	LD50	oral (rat)	>2,000 mg/kg
Eye irritation		rabbit	Eye irritant. May cause irreversible damage to the eyes.
Skin irritation		rabbit	Moderately irritant for a single application (4hr)

Amides, C8-18(even numbered) and C18-unsatd.,N, N-bis(hydroxyethyl)

Acute toxicity

Eye irritation Strong irritant with the danger of severe eye injury

Skin irritation irritant to skin and mucous membranes

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Oral	NOAEL	>750 mg/kg/day (rat)
Dermal	NOAEL	>50 mg/kg/day (rat)

12. Ecological information

12.1 Toxicity.

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

Amides, C8-18(even numbered) and C18-unsatd.,N, N-bis(hydroxyethyl)

Fish	CL50	2.4 g/ml
Daphnia	CE50	3.2 g/ml
alga	CL50	3.9 g/ml

12.2 Persistence and biodegradability

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

No bioaccumulative potential noted for any component.

12.4 Mobility in soil

The components of the mixture are readily absorbed into soil and are mobile in water environment.

12.5 Results of PBT and vPvB assessment

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12.6 Other adverse effects.

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13. Disposal consideration.

13.1 Waste treatment methods

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.

14. Transport information

Not regulated for transport.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Commission Regulation (EC) No. 453/2010 of 20th May 2010 amending Regulation (EC) No. 1907/2006 of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Directive 1999/45/EC of 31st May 1999, The Dangerous Preparations Directive.

Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

Commission Directive No. EC 1223/2009 of 30th November 2009 on Cosmetic products.

15.2 Chemical Safety Assessment

The chemical safety assessment has not been carried out for the mixture.

An independent safety assessment has been carried out in accordance with Commission Directive No. EC 1223/2009 of 30th November 2009 on 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.

16. Other information.

In addition to the R and S phrases stated in section 15 the full text of other phrases and statements etc. used but not written out in full in other sections are listed in full here;

R38 Irritating to skin

R41 Risk of serious damage to eyes

H315 Causes skin irritation

H318 Causes serious eye damage

H319 Causes serious eye irritation

Skin Irrit. 2 Skin corrosion/irritation Category 2

Eye Irrit. 2 Serious eye damage/eye irritation Category 2

Eye Dam. 1 Serious eye damage/eye irritation Category 2