









- 1. Identification of the substance/preparation and company/undertaking
- 1.1 Product: Astonish Antibacterial Cleanser
- 1.2 Use of the preparation: Cleaning household hard surfaces with antibacterial action.

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Emergency Telephone: (01274) 767440 (office hours only)

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- 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;

S2 Keep out of the reach of children.

\$23 Do not breathe spray.

\$24/25 Avoid contact with skin and eyes.

\$26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

\$46 If swallowed seek medical advice immediately and show this container or label.

Hazardous components that must be listed on the label:

<5% Nonionic surfactants EDTA,

1.25 g/l Quaternary ammonium compounds benzyl-C12-16-alkyldimethyl, chlorides

2.3 Other hazards.

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- 3. Composition/information on ingredients
- 3.1 Substances

Not applicable

3.2 Mixtures

There are no substances classified as dangerous according to Directive 1999/45/EC present at a level that would require the substance to be indicated here according to Article

- 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.

Ingestion:

Possible mild stomach upset and mild soreness of mouth

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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.

Product does not support combustion, minimal fire hazard. Minimal quantities of oxides of carbon may be produced.

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

Avoid breathing spray. Point spray away from face.

7.2 Conditions for safe storage, including any incompatibilities.

Store in ambient conditions.

7.3 Specific end use(s)

Cleaning household hard surfaces with antibacterial action.

- 8. Exposure controls/ personal protection
- 8.1 Control parameters

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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: Colourless liquid Odour: Mild spirit

pH: 6.0-8.0 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: 1.000—1.010
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

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10.5 Incompatible materials

None

10.6 Hazardous decomposition products

Nitrogen oxides and carbon oxides.

## 11. Toxicological information

11.1 Information on toxicological effects

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

# 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.

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.

Directive 98/8/EC of the European Parliament and of the Council of 16 February 1998 concerning the placing of biocidal products on the market

15.2 Chemical Safety Assessment

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

16. Other information.