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.

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;
S2 Keep out of the reach of children.
S23 Do not breathe spray.
S24/25 Avoid contact with skin and eyes.
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.
Hazardous components that must be listed on the label:
<5% Nonionic surfactants 0.84 g/l polyhexamethylene biguanide

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

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

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. -