SAFETY DATA SHEET
Anti Bacterial Cleanser

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

1.1. Product identifier
- Product name: Anti Bacterial Cleanser
- Internal identification: F7V1

1.2. Relevant identified uses of the substance or mixture and uses advised against
- Identified uses: Cleaning household surfaces with antibacterial action

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

1.4. Emergency telephone number
- Emergency telephone: (01274) 767440 (office hours only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
- Physical hazards: Not Classified
- Health hazards: Not Classified
- Environmental hazards: Not Classified

2.2. Label elements
- Hazard statements: NC Not Classified
- Precautionary statements: P102 Keep out of reach of children.
  P103 Read label before use.
- Detergent labelling: < 5% disinfectants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants

2.3. Other hazards
- None

SECTION 3: Composition/Information on ingredients

3.2. Mixtures
- Butyl Diglycol
  - CAS number: 112-34-5
  - EC number: 203-961-6
  - 1-5%
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
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
Possible mild transient irritation of skin.

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
None

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Anti Bacterial Cleanser

Usage precautions
Use as instructed on label. Avoid breathing spray. Point spray away from face.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Store in ambient conditions.

7.3. Specific end use(s)

Specific end use(s)
Cleaning hard surfaces around the home providing antibacterial action.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Butyl Diglycol
Long-term exposure limit (8-hour TWA): ELV (IE) 67.5 10
Short-term exposure limit (15-minute): ELV (IE) 101.2 15
Short-term exposure limit (15-minute): WEL 101.2 15

Sodium Hydroxide
Short-term exposure limit (15-minute): WEL 2 mg/m3
WEL = Workplace Exposure Limit

8.2. Exposure controls

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

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Clear colourless liquid

Colour
Colourless.

Odour
Mild Alcoholic

pH
pH (concentrated solution): 5.5 - 8.5

Initial boiling point and range
Not measured (>100°C)

Flammability (solid, gas)
Does not ignite.

Vapour density
> 1 (Air=1)

Relative density
1.00 - 1.01

Solubility(ies)
Soluble in water

Partition coefficient
n-octanol/water

Viscosity
Not applicable.

9.2. Other information

Other information
None.

SECTION 10: Stability and reactivity

10.1. Reactivity
Antibacterial Cleanser

No reactivity hazards expected.

10.2. Chemical stability

Stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None under normal conditions.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
Materials to avoid
None known.

10.6. 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.

Toxicological information on ingredients.

Butyl Diglycol

Acute toxicity - oral
Acute toxicity oral (LD₅₀ mg/kg) 2,000.0
Species Rat

Acute toxicity - dermal
Acute toxicity dermal (LD₅₀ mg/kg) 2000.0
Species Rabbit

SECTION 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.

Ecological information on ingredients.

Butyl Diglycol

Acute toxicity - fish
LC₅₀ : 100 mg/l, Fish

Acute toxicity - aquatic invertebrates
EC₅₀, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic plants
EC₅₀, 48 hours: >100 mg/l, Desmodesmus subspicatus

12.2. Persistence and degradability

Persistence and degradability
Contains detergents that satisfy the bio-degradation requirements of directive 648/2004/EC.

Ecological information on ingredients.

Butyl Diglycol

Biodegradation
- Degradation 76: 28 days - Degradation 90-100: 8 days - Degradation 90-100: 14 days

12.3. Bioaccumulative potential

Partition coefficient
Anti Bacterial Cleanser

n-octanol/water

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

No data available.

Ecological information on ingredients.

Butyl Diglycol

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not determined.

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 MARPOL73/78 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

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

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SDS number  4953
Anti Bacterial Cleanser

Risk phrases in full
R35 Causes severe burns.
R36 Irritating to eyes.

Hazard statements in full
H319 Causes serious eye irritation.