

SAFETY DATA SHEET

Revision Date: 01/06/2018

Enzyclean Heavy Duty Cleaner 5Ltrs

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1 Product identifier

Product Name: Enzyclean Heavy Duty Cleaner

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

Product use: [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);

1.2 Details of the supplier of the safety data sheet

Supplier: Hygenol Cleaning Supplies Ltd
Unit 5 Parkway Business Centre
Deeside Industrial Estate
Flintshire
CH5 2LD

1.4 Emergency telephone number

Hygenol - Tel: 01244 288882 Email: Info@Hygenol.co.uk

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Main hazards No significant hazard.

2.2 Label elements

Risk Phrases No significant hazard

2.3 Other Hazards

Other hazards No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

| Chemical Name | CAS No. | EC No. | REACH No | Conc (%) | Classification |
|---|------------|-----------|----------|----------|----------------------|
| Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl)ether | | | | 1 – 10% | Xi; R36 |
| Fatty alcohol, ethoxylated | 68439-50-9 | | | 1 – 10% | Xn; R22 Xi; R41 |
| D limonene | 8028-48-6 | 232-433-8 | | 0 – 0.5% | Xi; R38 N; R51/53R10 |
| Bacterial species | | | | 0 – 0.5% | |

3.2 Mixtures

Further Information Contains naturally occurring bacteria species.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

May cause irritation to mucous membranes. Move the exposed person to fresh air

Ingestion

May cause irritation to mucous membranes. DO NOT INDUCE VOMITING! Seek medical attention if irritation or symptoms persist.

Skin Contact

May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye Contact

May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed.

Inhalation

May cause irritation to mucous membranes.

Skin contact

May cause irritation to skin.

Eye contact

May cause irritation to eyes.

Ingestion

May cause irritation to mucous membranes.

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

Inhalation

Seek medical attention if irritation or symptoms persist.

Eye Contact

Seek medical attention if irritation or symptoms persist.

Skin Contact

Seek medical attention if irritation or symptoms persist.

Ingestion

Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

No significant hazard.

5.3 Advice for firefighters

Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.

6.2 Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

Not applicable

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3 Specific end use(s)

To be used as a cleaning product. Used for cleaning surfaces.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.2 Exposure Controls

8.2.1 Engineering Controls

Ensure Adequate ventilation of the working area.

8.2.2 Individual Protection

Wear chemical protective clothing.

Eye /face protection

In case of splashing, wear. Approved safety goggles.

Skin protection

Chemical resistant gloves (PVC)

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|------------|-------------------|
| Appearance | Liquid |
| Colour | Colourless |
| Odour | Characteristic |
| Solubility | Soluble in water. |
| pH | 6.5 – 8.5 |

9.2 Other information

| | |
|------------------|-------------|
| Specific gravity | 0.99 - 1.01 |
|------------------|-------------|

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No significant hazard.

10.4 Conditions to avoid

See MSDS section 7.

10.5 Incompatible materials

No substances known that should be avoided.

10.6 Hazardous decomposition products

No significant hazard.

11. TOXICOLOGY INFORMATION

11.1 Information on toxicological effects

No significant hazard

11.1.4 Toxicological information

No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data Available

12.4 Mobility in soil

No data Available

12.5 Results of PBT and vPvB assessment

No data Available

12.6 Other adverse effects

No significant hazard

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

No significant hazard.

General Information

Dispose of in compliance with local and national regulations.

14. TRANSPORT INFORMATION

ADR/RID The product is not classified as dangerous for carriage.

IMDG The product is not classified as dangerous for carriage.

IATA The product is not classified as dangerous for carriage.

Further information

The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

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

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2 Chemical safety assessment

No data available

16. OTHER INFORMATION

Other information

Text of risk phrases in section 3

R10 – Flammable.
R22 – Harmful if swallowed.
R36 – Irritating to eyes.
R38 – Irritating to skin.
R41 – Risk of serious damage to eyes.

Other information

R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in aquatic environment.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.