

# 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
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## 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.