

**SAFETY DATA SHEET**  
**ecoforce Hand Dishwashing Liquid**

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

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**1.1. Product identifier**

**Product name** ecoforce Hand Dishwashing Liquid  
**Product number** 11506 /11507  
**Container size** 2 x 5 litre containers, 12 x 750ml straight bottles

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

**Identified uses** Cleaning agent.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Ecoforce  
Oakley Gardens  
Bouncers Lane  
Cheltenham  
Gloucestershire  
GL52 5JD UK  
+44 (0)1242 537150 09:00-17:00 GMT  
+44 (0)1242 528445

**Contact person** Laboratory

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0)1242 537177 GMT 9am-5pm Monday-Friday

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**SECTION 2: Hazards identification**

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**2.1. Classification of the substance or mixture****Classification****Physical hazards**

Not Classified

**Health hazards**

Skin Irrit. 2 - H315 Eye Dam. 1 - H318

**Environmental hazards**

Not Classified

**Classification (67/548/EEC or 1999/45/EC)**

Xi;R36.

**Human health**

Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

**Environmental**

The product is not expected to be hazardous to the environment.

**2.2. Label elements****Pictogram**

**ecoforce Hand Dishwashing Liquid****Signal word** Danger**Hazard statements**H315 Causes skin irritation.  
H318 Causes serious eye damage.**Precautionary statements**P264 Wash contaminated skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P321 Specific treatment (see medical advice on this label).  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.**Contains** Dodecyl Benzene Sulphonic Acid, Alcohols, C12-14, ethoxylate (1-2,5 EO) Sulfates, Sodium Salts, SODIUM HYDROXIDE**WHMIS Label** Not Classified According to WHMIS.**2.3. Other hazards**

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

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<b>Dodecyl Benzene Sulphonic Acid</b> CAS number: 85536-14-7 EC number: —	<b>10-30%</b>
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1C - H314 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	<b>Classification (67/548/EEC or 1999/45/EC)</b>
<b>Alcohols, C12-14, ethoxylate (1-2,5 EO) Sulfates, Sodium Salts</b> CAS number: — EC number: —	<b>1-5%</b>
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	<b>Classification (67/548/EEC or 1999/45/EC)</b>
<b>SODIUM HYDROXIDE</b> CAS number: 1310-73-2 EC number: 215-185-5	<b>1-5%</b>
<b>Classification</b> Skin Corr. 1A - H314	<b>Classification (67/548/EEC or 1999/45/EC)</b> C;R35

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<b>SULPHURIC ACID ...%</b>	<b>&lt;1%</b>
<b>CAS number:</b> 7664-93-9 <b>EC number:</b> 231-639-5	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Corr. 1A - H314	C;R35
Eye Dam. 1 - H318	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation**

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

**Ingestion**

Remove affected person from source of contamination. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

**Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

**Eye contact**

Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

No specific symptoms known.

**Ingestion**

May cause stomach pain or vomiting.

**Skin contact**

Prolonged skin contact may cause redness and irritation.

**Eye contact**

May cause severe eye irritation.

**4.3. Indication of any immediate medical attention and special treatment needed****Notes for the doctor**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Extinguish with foam, carbon dioxide, dry powder or water fog.

**5.2. Special hazards arising from the substance or mixture****Specific hazards**

No unusual fire or explosion hazards noted.

**Hazardous combustion products**

Does not decompose when used and stored as recommended.

**5.3. Advice for firefighters****Protective actions during firefighting**

Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters**

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Use air-supplied respirator, gloves and protective goggles.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### Personal precautions

Do not touch or walk into spilled material.

#### 6.2. Environmental precautions

##### Environmental precautions

Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

#### 6.3. Methods and material for containment and cleaning up

##### Methods for cleaning up

Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

#### 6.4. Reference to other sections

##### Reference to other sections

For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Usage precautions

Read and follow manufacturer's recommendations.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Storage precautions

Store in tightly-closed, original container in a dry and cool place.

##### Storage class

Chemical storage.

#### 7.3. Specific end use(s)

##### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### SODIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

##### SULPHURIC ACID ...%

Long-term exposure limit (8-hour TWA): WEL 0.05 mg/m<sup>3</sup> mist (thoracic fraction)

WEL = Workplace Exposure Limit

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

No special ventilation requirements.

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### Eye/face protection

Wear eye protection.

### Hand protection

Wear protective gloves.

### Other skin and body protection

Wear an apron.

### Hygiene measures

When using do not eat, drink or smoke.

### Respiratory protection

None noted. No specific recommendations.

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## SECTION 9: Physical and Chemical Properties

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### 9.1. Information on basic physical and chemical properties

#### Appearance

Viscous liquid. Clear liquid.

#### Colour

Fluorescent. Green.

#### Odour

Perfume. Fruity.

#### Odour threshold

Not available.

#### pH

pH (concentrated solution): 7

#### Melting point

Not available.

#### Initial boiling point and range

Not available.

#### Flash point

Not available.

#### Evaporation rate

Not available.

#### Evaporation factor

Not available.

#### Upper/lower flammability or explosive limits

Not available.

#### Other flammability

Not available.

#### Vapour pressure

Not available.

#### Vapour density

Not available.

#### Relative density

1.030 @ °C

#### Bulk density

Not available.

#### Solubility(ies)

Completely soluble in water.

#### Partition coefficient

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Not available.

### Auto-ignition temperature

Not available.

### Decomposition Temperature

Not available.

### Viscosity

Not available.

### Explosive properties

Not available.

### Explosive under the influence of a flame

Not considered to be explosive.

### Oxidising properties

Not available.

### Comments

Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

## 9.2. Other information

### Other information

Not known.

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## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

The following materials may react violently with the product: Strong acids.

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, no hazardous reactions will occur.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

#### Materials to avoid

Strong acids.

### 10.6. Hazardous decomposition products

Not known.

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## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

#### Toxicological effects

No data recorded.

#### Acute toxicity - oral

Not available.

#### ATE oral (mg/kg)

3,848.04826992

#### Acute toxicity - dermal

Not available.

#### Acute toxicity - inhalation

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Not available.

### **Germ cell mutagenicity**

#### **Genotoxicity - in vitro**

Not available.

#### **Genotoxicity - in vivo**

Not available.

### **Carcinogenicity**

Not available.

### **Reproductive toxicity**

#### **Reproductive toxicity - fertility**

Not available.

#### **Reproductive toxicity - development**

Not available.

### **Specific target organ toxicity - single exposure**

#### **STOT - single exposure**

Not available.

### **Specific target organ toxicity - repeated exposure**

#### **STOT - repeated exposure**

Not available.

### **Aspiration hazard**

Not known.

### **General information**

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

#### **Inhalation**

No specific health hazards known.

#### **Ingestion**

May cause stomach pain or vomiting.

#### **Skin contact**

Prolonged and frequent contact may cause redness and irritation.

#### **Eye contact**

May cause severe eye irritation.

#### **Target organs**

No specific target organs known.

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## **SECTION 12: Ecological Information**

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### **Ecotoxicity**

There are no data on the ecotoxicity of this product.

#### **12.1. Toxicity**

No data available.

#### **12.2. Persistence and degradability**

##### **Persistence and degradability**

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

#### **12.3. Bioaccumulative potential**

No data available on bioaccumulation.

## ecoforce Hand Dishwashing Liquid

### Partition coefficient

Not available.

### 12.4. Mobility in soil

#### Mobility

The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Other adverse effects

None known.

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## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

#### General information

Waste should be treated as controlled waste.

#### Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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## SECTION 14: Transport information

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<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
<b>Road transport notes</b>	Not classified.
<b>Rail transport notes</b>	Not classified.
<b>Sea transport notes</b>	Not classified.
<b>Air transport notes</b>	Not classified.

### 14.1. UN number

No information required.

### 14.2. UN proper shipping name

No information required.

### 14.3. Transport hazard class(es)

No information required.

### 14.4. Packing group

No information required.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not known.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

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## SECTION 15: Regulatory information

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

#### National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

#### EU legislation

## ecoforce Hand Dishwashing Liquid

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Detergents Regulations (EC) No 648/2004

### **15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

### **SECTION 16: Other information**

<b>Issued by</b>	Health & Safety Officer
<b>Revision date</b>	01/06/2015
<b>Revision</b>	12
<b>Supersedes date</b>	09/12/2014
<b>SDS number</b>	2
<b>Risk phrases in full</b>	R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.

### Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.