

## SAFETY DATA SHEET

### HYGENOL WASHING UP LIQUID LEMON

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

##### 1.1. Product identifier

Product name                    HYGENOL WASHING UP LIQUID LEMON  
Product number                C 500

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

Identified uses                Washing and cleaning.

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

Supplier                        Hygenol Cleaning Supplies  
                                      Unit 5 Parkway Business Centre  
                                      Deeside Ind Est  
                                      Flintshire  
                                      CH5 2LD  
                                      Tel: 01244 288882  
                                      Fax: 01244 288878  
                                      Email: info@hygenol.co.uk

##### 1.4. Emergency telephone number

Emergency telephone        01244 288882 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification

Physical hazards                Not Classified  
Health hazards                 Eye Irrit. 2 - H319  
Environmental hazards        Aquatic Chronic 3 - H412

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

##### 2.2. Label elements

###### Pictogram



Signal word                    Warning

Hazard statements            H319 Causes serious eye irritation.  
                                      H412 Harmful to aquatic life with long lasting effects.

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**Precautionary statements**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P102 Keep out of reach of children.  
 P501 Dispose of contents/container in accordance with local regulations.

### 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

ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, 5-10% SULFATES, SODIUM SALTS		
CAS number: 68891-38-3	EC number: 500-234-8	REACH registration number: 01-2119488639-16-XXXX
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xi;R38,R41.	
PHOSPHORIC ACID ...% <1%		
CAS number: 7664-38-2	EC number: 231-633-2	REACH registration number: 01-2119485924-24-XXXX
Classification Skin Corr. 1B - H314 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) C;R34	

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	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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

Notes for the doctor	No specific recommendations.
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## HYGENOL WASHING UP LIQUID LEMON

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### 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 Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

Personal precautions For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

#### 6.2. Environmental precautions

Environmental precautions Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

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

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Avoid contact with acids and other cleaning agents. Wear protective clothing as described in Section 8 of this safety data sheet.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Use appropriate skin cream to prevent drying of skin.

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

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### 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

## HYGENOL WASHING UP LIQUID LEMON

### PHOSPHORIC ACID ...%

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>

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

WEL = Workplace Exposure Limit

### ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, SULFATES, SODIUM SALTS (CAS: 68891-38-3)

DNEL	Workers - Dermal; Long term systemic effects: 2750 mg/kg/day Workers - Inhalation; Long term systemic effects: 175 mg/m <sup>3</sup> Consumer - Oral; Long term systemic effects: 15 mg/kg/day Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day Consumer - Inhalation; Long term systemic effects: 52 mg/m <sup>3</sup>
PNEC	- Fresh water; 0.24 mg/l - Marine water; 0.024 mg/l - Intermittent release; 0.071 mg/l - Sediment, Fresh water; 5.45 mg/kg - Sediment, Marine water; 0.545 mg/kg - Soil; 0.946 mg/kg - STP; 10,000 mg/l

### SODIUM CHLORIDE (CAS: 7647-14-5)

DNEL	Workers - Inhalation; Long term systemic effects: 2068.62 mg/m <sup>3</sup> Workers - Inhalation; Short term systemic effects: 2068.62 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 295.52 mg/kg/day Workers - Dermal; Short term systemic effects: 295.52 mg/kg/day General population - Inhalation; Long term systemic effects: 443.28 mg/m <sup>3</sup> General population - Inhalation; Short term systemic effects: 443.28 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 126.65 mg/kg/day General population - Dermal; Short term systemic effects: 126.65 mg/kg/day General population - Oral; Long term systemic effects: 126.65 mg/kg/day General population - Oral; Short term systemic effects: 126.65 mg/kg/day
PNEC	- Fresh water; 5 mg/l - Intermittent release; 19 - STP; 500 mg/l - Soil; 4.86 mg/kg

### GLYCEROL (CAS: 56-81-5)

DNEL	Workers - Inhalation; Long term local effects: 56 mg/m <sup>3</sup> General population - Dermal; Long term local effects: 33 mg/m <sup>3</sup> General population - Oral; Long term systemic effects: 229 mg/kg/day
PNEC	- Fresh water; 0.885 mg/l - Marine water; 0.0885 mg/l - Intermittent release; 8.85 mg/l - STP; 1000 mg/l - Sediment (Freshwater); 3.3 mg/kg - Sediment (Marinewater); 0.33 mg/kg - Soil; 0.141 mg/kg

### BRONOPOL (INN) (CAS: 52-51-7)

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DNEL	Workers - Inhalation; Long term systemic effects: 4.1 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day General population - Inhalation; Long term systemic effects: 1.2 mg/m <sup>3</sup>
PNEC	- Fresh water; 0.01 mg/l - Marine water; 0.008 mg/l - Intermittent release; 0.0025 mg/l - STP; 0.43 mg/l - Sediment (Freshwater); 0.041 mg/kg - Sediment (Marinewater); 0.00328 mg/kg - Soil; 0.5 mg/kg

### 8.2. Exposure controls

#### Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. EN 166

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Simple Design for minimal risk.

Other skin and body protection

Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

Respiratory protection not required.

Environmental exposure controls

Avoid release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act. Further information may be found on Government websites: [www.dti.gov.uk/access/index/htm](http://www.dti.gov.uk/access/index/htm) and [www.envirowise.gov.uk](http://www.envirowise.gov.uk).

### SECTION 9: Physical and Chemical Properties

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

Appearance	Liquid.
Odour threshold	Not applicable.
Melting point	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not determined.
Evaporation factor	Not applicable.
Vapour pressure	Not determined.

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Vapour density	Not determined.
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not determined.
Explosive properties	Not applicable
Oxidising properties	Not applicable.
Comments	Information given is applicable to the product as supplied.

### 9.2. Other information

Other information                      Not relevant.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity                                There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stability                                 Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions    Not applicable.

### 10.4. Conditions to avoid

Conditions to avoid                      Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

Materials to avoid                        No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Hazardous decomposition products    No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

General information                      This product has low toxicity.

Ingestion                                 May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

Skin contact                              Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

Eye contact                                May cause temporary eye irritation.

## SECTION 12: Ecological Information



## HYGENOL WASHING UP LIQUID LEMON

National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Workplace Exposure Limits EH40.
EU legislation	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) (as amended). 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). Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended). Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006,
Guidance	COSHH Essentials. ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets.

### 15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

### SECTION 16: Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	01/06/2018
Revision	1
SDS number	20743
Risk phrases in full	R21/22 Harmful in contact with skin and if swallowed. R22 Harmful if swallowed. R36 Irritating to eyes. R37/38 Irritating to respiratory system and skin. R38 Irritating to skin. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.
Hazard statements in full	H315 Causes skin irritation. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.

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.