

## SAFETY DATA SHEET

### Hygenol - RINSE AID

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

##### 1.1. Product identifier

Product name Hygenol - RINSE AID  
Product number C507  
Internal identification

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

Identified uses Rinse Aid for Dish and Glass Washing Machines.

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

Supplier Hygenol  
Unit 5  
Parkway Business Centre  
Deeside  
Chester  
CH5 2LD  
Tel: 01244 288 882  
Fax: 01244 288 878  
E-Mail - info@hygenol.co.uk

##### 1.4. Emergency telephone number

Emergency telephone Hygenol - 01244 288 882 - 8.30am to 5.00pm - Mon to Fri

#### SECTION 2: Hazards identification

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

###### Classification

Physical hazards  
Not Classified  
Health hazards  
Not Classified  
Environmental hazards  
Not Classified

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

##### 2.2. Label elements

###### Hazard statements

NC Not Classified

###### Precautionary statements

P102 Keep out of reach of children.  
P301 IF SWALLOWED:  
P313 Get medical advice/attention.  
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

Hygenol - RINSE AID

ALCOHOLS, C9-11, ETHOXYLATED PROPOXYLATED		5-10%
CAS number: — EC number: —		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302	Xn;R22.	
Eye Irrit. 2 - H319		

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

Composition comments            The ingredients are present in non-hazardous concentrations.

**SECTION 4: First aid measures**

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion

Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.

Skin contact

Wash with plenty of water.

Eye contact

Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.

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

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

No specific symptoms known.

Ingestion

No specific symptoms known. But - May cause discomfort if swallowed. Skin

contact

No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.

Eye contact

No specific symptoms known. Prolonged contact may cause redness and/or tearing.

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

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.

5.3. Advice for firefighters

Special protective equipment for firefighters

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

**SECTION 6: Accidental release measures**

## Hygenol - RINSE AID

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

Personal precautions

No special protective clothing. (See Sec 8)

### 6.2. Environmental precautions

Environmental precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

Methods for cleaning up

Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8.

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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

Usage precautions

No specific recommendations.

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

Storage precautions

Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials.

### 7.3. Specific end use(s)

Specific end use(s)

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

Usage description

See Product Information Sheet & Label for detailed use of this product.

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## SECTION 8: Exposure Controls/personal protection

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### 8.1. Control parameters

#### Occupational exposure limits

Ingredient comments

No exposure limits known for ingredient(s).

### 8.2. Exposure controls

Appropriate engineering controls

Not relevant.

Eye/face protection

No specific eye protection required during normal use.

Hand protection

No specific hand protection recommended. For prolonged or repeated skin contact use suitable protective gloves.

Other skin and body protection

None required.

Respiratory protection

Respiratory protection not required.

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## SECTION 9: Physical and Chemical Properties

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

## Hygenol - RINSE AID

Appearance

Liquid.

Colour

Clear. Blue.

Odour

Faint

pH

pH (concentrated solution): 2.1

Melting point

-3°C

Initial boiling point and range

103°C @ 760 mm Hg

Flash point

Boils without flashing.

Relative density

1.002 @ °C

Solubility(ies)

Soluble in water.

### 9.2. Other information

Other information

None.

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## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stability

No particular stability concerns.

### 10.3. Possibility of hazardous reactions

See sections 10.1,10.4 & 10.5

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

### 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

No known hazardous decomposition products.

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## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

Toxicological effects

We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Other health effects

Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

Acute toxicity - oral

## Hygenol - RINSE AID

Notes (oral LD50)

Based on available data the classification criteria are not met.

ATE oral (mg/kg)

7,938.11111431

### SECTION 12: Ecological Information

Ecotoxicity

Not regarded as dangerous for the environment.

#### 12.1. Toxicity

We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

#### 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

The product does not contain any substances expected to be bioaccumulating.

#### 12.4. Mobility in soil

Mobility

Not known.

#### 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

Not known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Disposal methods

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

### SECTION 14: Transport information

General Not classified for Transport.

#### 14.1. UN number

UN No. (ICAO)

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

ADR/RID label

ICAO class/division

ICAO subsidiary risk

#### 14.4. Packing group

ADR/RID packing group

ICAO packing group

#### 14.5. Environmental hazards

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### 14.6. Special precautions for user

EmS

Emergency Action Code

Hazard Identification Number  
(ADR/RID)

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

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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 EU

legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Guidance

Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

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## SECTION 16: Other information

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Key literature references and sources for data

Material Safety Data Sheet, Misc. manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling of hazardous substances. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC. ECHA - C&L Inventory database.

Revision comments

SDS re-issued after a 3 year old SDS Review.

Revision date                      01/10/2015

Revision                                Issue 6

SDS status                            The Risk Phrases / Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

Risk phrases in full

NC Not classified.

R22 Harmful if swallowed.

Hazard statements in full

H302 Harmful if swallowed.

H319 Causes serious eye irritation.