



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## LIQUID LAUNDRY

Revision 14

Revision date 2011-11-17

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

#### 1.1. Product identifier

Product name LIQUID LAUNDRY

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

Company	Merlin Chemicals Ltd
Address	Unit 5, Passfield Mill Business Park, Liphook, Hants. GU30 7RR. United Kingdom
Web	www.merlinchemicals.co.uk
Telephone	+44 (0)1428 751122
Fax	+44 (0)1428 751133
Email	technical@merlinchemicals.co.uk

### SECTION 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.
Safety phrases	S1/2 - Keep locked up and out of the reach of children. S13 - Keep away from food, drink and animal feedingstuffs. S25 - Avoid contact with eyes. S37/39 - Wear suitable gloves and eye/face protection. S46 - If swallowed, seek medical advice immediately and show this container or label.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

This product is designed for OPL use. This product contains anionic, non-ionic surfactants, phosphate, phosphonate, anti redeposition agents, optical brighteners, foam control agents, complex multi-enzymes, perfume and preservative.

#### 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Nonionic Surfactant					1 - 10%	Xn; R22 Xi; R36/38
Anionic Surfactants					1 - 10%	Xi; R38-41

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.

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**4.1. Description of first aid measures**

Ingestion	If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Water fog, foam, dry chemical, or carbon dioxide.
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**5.2. Special hazards arising from the substance or mixture**

	May make floor very slippery.
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**5.3. Advice for firefighters**

	Wear: Self-contained breathing apparatus.
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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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**6.2. Environmental precautions**

	Prevent further spillage if safe. Advise local authorities if large spills cannot be contained.
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**6.3. Methods and material for containment and cleaning up**

	Contain with sand or granules. Sweep up. Transfer to suitable, labelled containers for disposal.
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**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

	Ensure adequate ventilation of the working area.
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**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.
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**SECTION 8: Exposure controls/personal protection****8.2. Exposure controls**

	
<b>8.2.1. Appropriate engineering controls</b>	Ensure adequate ventilation of the working area.
<b>8.2.2. Individual protection measures</b>	Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Eye / face protection</b>	Safety glasses.
<b>Skin protection - Handprotection</b>	Rubber gloves.
<b>Respiratory protection</b>	Not normally required.
<b>8.2.3. Environmental exposure controls</b>	Users should be aware of environmental considerations and their duties under the Environmental Protection Act.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

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## 9.1. Information on basic physical and chemical properties

State	Liquid
Colour	White
Odour	Characteristic
pH	9 - 10
Boiling point	100
Relative density	1.14 - 1.16 (Water = 1 @ 20 °C)
Solubility	Soluble in water

## Water solubility

Soluble in water.

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

Strong oxidising agents. Strong acids.

## 10.4. Conditions to avoid

Store at temperatures above 5 °C. Store at temperatures below 30 °C.

## 10.6. Hazardous decomposition products

Oxides of carbon, phosphorus, sulphur and nitrogen.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

## Acute toxicity

The material is unlikely to cause any adverse effects in normal conditions of handling and use.

## SECTION 12: Ecological information

## 12.2. Persistence and degradability

Readily biodegradable.

## 12.3. Bioaccumulative potential

No bioaccumulation potential.

## 12.4. Mobility in soil

Soluble in water, will readily percolate through soil.

## Further information

Negligible ecotoxicity.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## Disposal of packaging

Containers must be recycled in compliance with national legislation and environmental regulations.

## SECTION 14: Transport information

## ADR/RID

The product is not classified as dangerous for carriage.

Not classified as hazardous for transport.

## IMDG

The product is not classified as dangerous for carriage.

## IATA

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<b>IATA</b>	
	The product is not classified as dangerous for carriage.
<b>SECTION 15: Regulatory information</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
	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.
<b>SECTION 16: Other information</b>	
<b>Other information</b>	
<b>Revision</b>	This document differs from the previous version in the following areas: 15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
<b>Text of risk phrases in Section 3</b>	R22 - Harmful if swallowed. R36/38 - Irritating to eyes and skin. R38 - Irritating to skin. R41 - Risk of serious damage to eyes.
<b>Further information</b>	
	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. This version replaces all previous versions.