

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/4

NON-BIO LIQUID LAUNDRY ECONOMY

Revision 5
Revision date 2013-08-29

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

1.1. Product identifier

Product name	NON-BIO LIQUID LAUNDRY ECONOMY
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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
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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

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
C12-C15 alcohol ethoxylate					1 - 10%	Xn; R22 Xi; R41 N; R50

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete 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	Remove contaminated clothing. Wash with water. Seek medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth thoroughly. If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

SECTION 5: Firefighting measures

NON-BIO LIQUID LAUNDRY ECONOMY

Revision 5
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5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Wear appropriate PPE - see section 8.
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6.2. Environmental precautions

	Do not allow product to enter drains. Do not flush into surface water. Prevent excessive contamination of watercourses.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling


	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Wear suitable respiratory equipment when necessary.
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7.2. Conditions for safe storage, including any incompatibilities

	Store in correctly labelled containers. Keep in a cool, dry, well ventilated area.
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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing. DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating. Promptly remove any clothing that becomes contaminated.
Eye / face protection	Safety glasses.
Skin protection - Handprotection	Rubber gloves.
Respiratory protection	Wear suitable respiratory equipment when necessary.
8.2.3. Environmental exposure controls	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

State	Liquid
Colour	Blue
Odour	Characteristic
pH	8 - 9
Relative density	1.015 - 1.025 (Water = 1 @ 20 °C)
Solubility	Soluble in water

NON-BIO LIQUID LAUNDRY ECONOMY

Revision 5

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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.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information**11.1.4. Toxicological Information**

No data is available on this product.

SECTION 12: Ecological information**12.1. Toxicity**

The product is believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bioaccumulative potential, aquatic toxicity and other data relating to ecotoxicity.

12.4. Mobility in soil

Miscible in water.

SECTION 13: Disposal considerations**General information**

Contact a licensed waste disposal company.

Disposal methods

Contact a licensed waste disposal company.

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

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

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.

SECTION 16: Other information**Other information**

NON-BIO LIQUID LAUNDRY ECONOMY

Revision 5

Revision date 2013-08-29

Other information

Text of risk phrases in Section 3	R22 - Harmful if swallowed. R41 - Risk of serious damage to eyes. R50 - Very toxic to aquatic organisms.
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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. This version replaces all previous versions.

