

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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BD200

Revision 16  
Revision date 2011-12-16

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

#### 1.1. Product identifier

<b>Product name</b>	BD200
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#### 1.3. Details of the supplier of the safety data sheet

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

### SECTION 2: Hazards identification

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

<b>Main hazards</b>	No Significant Hazard
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#### 2.2. Label elements

<b>Risk phrases</b>	No Significant Hazard.
<b>Safety phrases</b>	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
C10-C16 Alkyl Benzyl Dimethyl Ammonium Chloride		68391-01-5	270-325-2		1 - 10%	C; R34 Xn; R22 N; R50
Alkyl dimethyl amine oxide		70592-80-2	274-687-2		0.5 - 1%	Xi; R38-41 N; R50
Alkyl amido propyl dimethylamine betaine		61789-40-0	263-058-8		1 - 10%	Xi; R36
Cocamide DEA		8051-30-7	232-483-0		1 - 10%	Xi; R36/38

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air. Seek medical attention.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Irritating to skin. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.

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## 4.1. Description of first aid measures

Ingestion	Harmful if swallowed. 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

Use extinguishing media appropriate to the surrounding fire conditions.

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

Burning produces irritating, toxic and obnoxious fumes.

## 5.3. Advice for firefighters

Wear: Self-contained breathing apparatus.

## 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.

## 6.2. Environmental precautions

Prevent further spillage if safe. Advise local authorities if large spills cannot be contained.

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

Contain with sand or granules. Sweep up. Transfer to suitable, labelled containers for disposal.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

## 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.

## 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.

## Eye / face protection

Safety glasses.

## Skin protection - Handprotection

Rubber gloves.

## Respiratory protection

Not normally required.

## 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

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## 9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Colourless
Odour	Characteristic
pH	12 - 13
Melting point	0
Boiling point	100
Relative density	1.025 - 1.05
Solubility	Soluble in water

## Water solubility

Soluble in water.

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

Stable under normal conditions.

## 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.
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## SECTION 12: Ecological information

## 12.1. Toxicity

	The detergents contained within this formulation achieve >90% biodegradability.
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## SECTION 13: Disposal considerations

## General information

	Dispose of in compliance with all local and national regulations.
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## Disposal of packaging

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

	The product is not classified as dangerous for carriage.
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## 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.
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas:.
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**Other information**

<b>Text of risk phrases in Section 3</b>	8 - Eye / face protection. 15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
	R22 - Harmful if swallowed. R34 - Causes burns. R36/38 - Irritating to eyes and skin. R36 - Irritating to eyes. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R50 - Very toxic to aquatic organisms.

**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.
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