



SAFETY DATA SHEET

Deb OxyBAC Extra FOAM Wash

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

1.1. Product identifier

Product name Deb OxyBAC Extra FOAM Wash

Synonyms; trade names Deb OxyBAC

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

Identified uses PT1 Human Hygiene Biocidal Product

1.3. Details of the supplier of the safety data sheet

Supplier Deb Ltd
 Denby Hall Way
 Denby
 Derbyshire
 DE5 8JZ
 Main Tel. 01773 855100
 Technical Tel 01773 855105
 sdsuk@debgroup.com

1.4. Emergency telephone number

Emergency telephone National Poisons Information Service (UK) 0344 8920111 (Health Professionals only)
 National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Environmental The product does not meet the requirement for classification as an environmental hazard in accordance with directive 1999/45/EEC

2.2. Label elements

Hazard statements NC Not Classified

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.
 P401 Store in accordance with local regulations.
 P501 Dispose of contents/ container in accordance with local regulations.

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Supplemental label information

Eye protection not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.
BPR001 Use biocides safely. Always read the label and product information before use.

Detergent labelling

< 5% disinfectants, < 5% non-ionic surfactants, Contains PHENOXYETHANOL, Benzoic acid

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

GLYCERIN 1-5% CAS number: 56-81-5 EC number: 200-289-5 REACH registration number: 01-2119471987-18-XXXX
Classification Not Classified
LAURAMINE OXIDE 1-5% CAS number: 1643-20-5 M factor (Acute) = 1
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411
PHOSPHORIC ACID 1-5% CAS number: 7664-38-2 EC number: 231-633-2 REACH registration number: 01-2119485924-24-XXXX
Classification Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318

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HYDROGEN PEROXIDE SOLUTION		1-5%
CAS number: 7722-84-1	EC number: 231-765-0	REACH registration number: 01-2119485845-22-XXXX
Classification Ox. Liq. 1 - H271 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1A - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Chronic 3 - H412		

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Not relevant. Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Rinse with water.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	None.
Eye contact	May cause temporary eye irritation.

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

Notes for the doctor	No specific recommendations.
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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

Hazardous combustion products No known hazardous decomposition products.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes.

6.2. Environmental precautions

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Environmental precautions Not considered to be a significant hazard due to the small quantities used.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Flush away spillage with plenty of water. Avoid contamination of ponds or watercourses with washing down water. Absorb spillage with non-combustible, absorbent material. Do not discharge into drains or watercourses or onto the ground.

6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool 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

GLYCERIN

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ mist

PHOSPHORIC ACID

Long-term exposure limit (8-hour TWA): WEL 1 mg/m³

Short-term exposure limit (15-minute): WEL 2 mg/m³

HYDROGEN PEROXIDE SOLUTION

Long-term exposure limit (8-hour TWA): WEL 1 ppm 1.4 mg/m³

Short-term exposure limit (15-minute): WEL 2 ppm 2.8 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments None.

BUTYLENE GLYCOL (CAS: 107-88-0)

DNEL General population - Oral; Long term systemic effects: 25 mg/kg/day

PNEC

- Fresh water; 0.85 mg/l
- Marine water; 0.085 mg/l
- Intermittent release; 2 mg/l
- STP; 10 mg/l
- Sediment (Freshwater); 1.78 mg/kg
- Sediment (Marinewater); 0.178 mg/kg
- Soil; 0.13 mg/kg

PHOSPHORIC ACID (CAS: 7664-38-2)

DNEL

- Workers - Inhalation; Long term local effects: 1 mg/m³
- Workers - Inhalation; Short term local effects: 2 mg/m³
- General population - Inhalation; Long term local effects: 0.73 mg/m³

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HYDROGEN PEROXIDE SOLUTION (CAS: 7722-84-1)

DNEL	Workers - Inhalation; Long term local effects: 1.4 mg/m ³
	Workers - Inhalation; Short term local effects: 3 mg/m ³
	General population - Inhalation; Long term local effects: 0.21 mg/m ³
	General population - Inhalation; Short term local effects: 1.93 mg/m ³
PNEC	- Marine water; 0.0126 mg/l
	- Fresh water; 0.0126 mg/l
	- Sediment (Freshwater); 0.0103 mg/kg
	- Soil; 0.0023 mg/kg
	- Sediment (Marinewater); 0.047 mg/kg
	- Intermittent release; 0.0138 mg/kg
	- STP; 4.66 mg/l

PHENOXYETHANOL (CAS: 122-99-6)

DNEL	Workers - Inhalation; Long term systemic effects: 8.07 mg/m ³
	Workers - Inhalation; Long term local effects: 8.07 mg/m ³
	Workers - Dermal; Long term systemic effects: 34.72 mg/kg/day
	General population - Inhalation; Long term systemic effects: 2.41 mg/kg/day
	General population - Inhalation; Long term local effects: 2.41 mg/m ³
	General population - Dermal; Long term systemic effects: 20.83 mg/kg/day
	General population - Oral; Long term systemic effects: 17.43 mg/kg/day
PNEC	General population - Oral; Short term systemic effects: 17.43 mg/kg/day
	- Fresh water; 0.943 mg/l
	- Marine water; 0.0943 mg/l
	- Intermittent release; 3.44 mg/l
	- STP; 24.8 mg/l
	- Sediment (Freshwater); 7.2366 mg/kg
	- Sediment (Marinewater); 0.7237 mg/kg
	- Soil; 1.26 mg/kg

Salicylic Acid (CAS: 69-72-7)

DNEL	Workers - Inhalation; Long term systemic effects: 5 mg/m ³
	Workers - Inhalation; Long term local effects: 5 mg/m ³
	Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day
	General population - Inhalation; Long term systemic effects: 4 mg/m ³
	General population - Dermal; Long term systemic effects: 1 mg/kg/day
	General population - Oral; Long term systemic effects: 1 mg/kg/day
PNEC	General population - Oral; Short term systemic effects: 4 mg/kg/day
	- Fresh water; 0.2 mg/l
	- Marine water; 0.02 mg/l
	- Intermittent release; 1 mg/l
	- Sediment (Marinewater); 0.142 mg/kg
	- Soil; 0.166 mg/kg
	- STP; 162 mg/l
	- Sediment (Freshwater); 1.42 mg/kg

Benzoic acid (CAS: 65-85-0)

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DNEL	Industry - Dermal; Long term local effects: 4.5 mg/kg/day Industry - Inhalation; Long term local effects: 6.3 mg/m ³ Consumer - Inhalation; Long term systemic effects: 2.1 mg/m ³ Consumer - Dermal; Long term systemic effects: 20.8 mg/kg/day Consumer - Oral; Long term systemic effects: 25 mg/kg/day Industry - Dermal; Long term systemic effects: 34.7 mg/kg/day Industry - Inhalation; Long term systemic effects: 10.4 mg/m ³ Consumer - Inhalation; Long term local effects: 1.3 mg/m ³ Consumer - Dermal; Long term local effects: 2.7 mg/kg/day
PNEC	- Fresh water; 0.34 mg/l - Marine water; 0.34 mg/l - STP; 100 mg/l - Intermittent release; 3.3 mg/l - Sediment (Freshwater); 1.75 mg/kg - Sediment (Marinewater); 1.75 mg/kg - Soil; 0.151 mg/kg

8.2. Exposure controls

Appropriate engineering controls	Not relevant.
Eye/face protection	Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.
Hand protection	Hand protection not required.
Hygiene measures	18.3 C/ 65.0 F
Respiratory protection	No specific recommendations.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless.
Odour	Characteristic.
Odour threshold	Not determined.
pH	pH (concentrated solution): 2.0 -2.5 18.3 C/ 65.0 F
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Scientifically unjustified.
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Scientifically unjustified.
Vapour pressure	No information available.
Vapour density	Not determined.
Relative density	Not determined.
Solubility(ies)	Soluble in water.

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Partition coefficient	Not determined.
Auto-ignition temperature	Scientifically unjustified.
Decomposition Temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Scientifically unjustified.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The following materials may react violently with the product: Strong reducing agents.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not known.

10.4. Conditions to avoid

Conditions to avoid Avoid contact with strong reducing agents.

10.5. Incompatible materials

Materials to avoid Strong reducing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 20,327.07

Acute toxicity - dermal

Notes (dermal LD₅₀) 18.3 C/ 65.0 F Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

ATE inhalation (gases ppm) 428,571.43

ATE inhalation (vapours mg/l) 1,047.62

ATE inhalation (dusts/mists mg/l) 142.86

Skin corrosion/irritation

Human skin model test OECD 439 EPISKIN Not irritating.

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Serious eye damage/irritation

Serious eye damage/irritation OECD 438 Not irritating.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vivo Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - development Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard based on chemical structure.

Inhalation No specific health hazards known.

Ingestion May cause discomfort if swallowed.

Skin contact Skin irritation should not occur when used as recommended.

Eye contact May cause temporary eye irritation.

Toxicological information on ingredients.

LAURAMINE OXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,064.0

Species Rat

ATE oral (mg/kg) 1,064.0

PHOSPHORIC ACID

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,600.0

Species Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

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Acute toxicity dermal (LD₅₀ 2,740.0 mg/kg)

Species Rabbit

ATE dermal (mg/kg) 2,740.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 25.5

Species Mouse

ATE inhalation (vapours mg/l) 25.5

Skin corrosion/irritation

Animal data Erythema/eschar score: Severe erythema (beef redness) to eschar formation preventing grading of erythema (4). Oedema score: Moderate oedema - raised approximately 1 mm (3). Primary dermal irritation index: 6.6

HYDROGEN PEROXIDE SOLUTION

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 1,193.0 mg/kg)

Species Rat Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 2,000.0 mg/kg)

Species Rabbit

Acute toxicity - inhalation

ATE inhalation (gases ppm) 4,500.0

ATE inhalation (vapours mg/l) 11.0

ATE inhalation (dusts/mists mg/l) 1.5

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity The product is not expected to be hazardous to the environment.

Ecological information on ingredients.

LAURAMINE OXIDE

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C50 ≤ 1

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M factor (Acute)	1
Acute toxicity - fish	LC ₅₀ , 96 hours: 2.67 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 72 hours: 3.1 mg/l, Daphnia magna
Acute toxicity - aquatic plants	NOEC, 72 hours: 0.19 mg/l, Freshwater algae
Acute toxicity - microorganisms	EC10, 24 hour: 80 mg/l, Activated sludge

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. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible.

SECTION 14: Transport information

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

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14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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).

REGULATION (EU) No 528/2012 (as amended) concerning the making available on the market and use of biocidal products.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

Use biocides safely. Always read the label and product information before use.

Key literature references and sources for data

Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.

Revision comments

This is first issue.

Revision date

11/01/2018

Revision

7

Supersedes date

09/03/2017

Hazard statements in full

H271 May cause fire or explosion; strong oxidiser.
 H290 May be corrosive to metals.
 H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H400 Very toxic to aquatic life.

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Notes for Hazard Statements in Full The full text for Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

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.