SAFETY DATA SHEET
Deb OxyBac

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Deb OxyBac

Product No. OXY1L, OXY12LTF, OXY1LSFX, OXY1LDSRS, OXY1LTRRS, OXY2LT, OXY47ML, OXY47SPFR, OXY1LSC

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

Identified uses Antibacterial skin cleanser.

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
reach@deb.co.uk

1.4. Emergency telephone number

National Poisons Information Service (UK) 0844 8920111 National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

Environment

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

2.2. Label elements

Detergent Labelling

< 5%	non-ionic surfactants
Contains	PHENOXYETHANOL

Risk Phrases

NC	Not classified.

Safety Phrases

P13	Safety data sheet available for professional user on request.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

LAURAMINE OXIDE		1-5%
CAS-No.: 1643-20-5	EC No.:	

Classification (EC 1272/2008)	Classification (67/548/EEC)
Acute Tox. 4 - H302	Xn;R22.
Skin Irrit. 2 - H315	Xi;R38,R41.
Eye Dam. 1 - H318	N;R50.
Aquatic Acute 1 - H400	

PHOSPHORIC ACID ...%		1-5%
CAS-No.: 7664-38-2	EC No.: 231-633-2	

Classification (EC 1272/2008)	Classification (67/548/EEC)
Skin Corr. 1B - H314	C;R34

HYDROGEN PEROXIDE SOLUTION ... %		1-5%
CAS-No.: 7722-84-1	EC No.: 231-765-0	Registration Number: 01-2119485845-22

Classification (EC 1272/2008)	Classification (67/548/EEC)
Ox. Liq. 1 - H271	R5
Acute Tox. 4 - H302	O;R8
Acute Tox. 4 - H332	C;R35
Skin Corr. 1A - H314	Xn;R20/22
STOT SE 3 - H335	

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

INCI

Aqua, Glycerin, Butylene Glycol, Lauramine Oxide, Phosphoric Acid, Hydrogen Peroxide, Phenoxyethanol, Polyglycerin-6, Salicylic Acid, Benzoic Acid

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. Get medical attention if any discomfort continues.

Skin contact

Rinse with water.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. 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 noted.

Ingestion

No specific symptoms noted.

Eye contact

May cause temporary eye irritation.

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

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

No hazardous decomposition products.

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

6.2. Environmental precautions

Not relevant considering the small amounts used.

6.3. Methods and material for containment and cleaning up

Flush away small spillages with plenty of water. Do not let washing down water contaminate ponds or waterways. Large quantities should not be discharged into the drain but removed with absorbing material.

6.4. Reference to other sections

For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 0°C and 30°C.

7.3. 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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
HYDROGEN PEROXIDE SOLUTION ... %	WEL	1 ppm	1,4 mg/m3	2 ppm	2,8 mg/m3	
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3	

WEL = Workplace Exposure Limit.

Ingredient Comments

EU = Indicative Values according to Commission Directive 91/322/EEC.

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

DNEL				
Industry	Inhalation.	Systemic Effects	3	mg/m3
Industry	Inhalation.	Local Effects	1.4	mg/m3
PNEC				
Marinewater	0.0126	mg/l		
Freshwater	0.0126	mg/l		
Sediment (Freshwater)	0.0103	mg/kg		
Soil	0.0023	mg/kg		

Benzoic acid (CAS: 65-85-0)

DNEL				
Industry	Dermal	Long Term	Systemic Effects	34.7 mg/kg/day
Industry	Dermal	Long Term	Local Effects	4.5 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	10.4 mg/m3
Industry	Inhalation.	Long Term	Local Effects	6.3 mg/m3
Consumer	Oral	Long Term	Systemic Effects	25 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	2.1 mg/m3
Consumer	Dermal	Long Term	Systemic Effects	20.8 mg/kg/day
Consumer	Dermal	Long Term	Local Effects	2.7 mg/kg/day
Consumer	Inhalation.	Long Term	Local Effects	1.3 mg/m3

8.2. Exposure controls

Engineering measures

Not relevant

Respiratory equipment

No specific recommendations.

Hand protection

Hand protection not required.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless.
Odour	Characteristic.
Solubility	Soluble in water.

Initial boiling point and boiling range (°C)

Not determined.

Melting point (°C)

Not determined.

Relative density

Not determined.

Vapour density (air=1)

Not determined.

Evaporation rate

Not determined.

pH-Value, Conc. Solution 2.0 -2.5

Viscosity

Not determined.

Decomposition temperature (°C)

Not determined.

Odour Threshold, Lower

Not determined.

Odour Threshold, Upper

Not determined.

Flash point (°C)

Scientifically unjustified.

Auto Ignition Temperature (°C)

Scientifically unjustified.

Flammability Limit - Lower(%)

Scientifically unjustified.

Flammability Limit - Upper(%)

Scientifically unjustified.

Partition Coefficient (N-Octanol/Water)

Not applicable.

Explosive properties

Scientifically unjustified.

Oxidising properties

Does not meet the criteria for oxidising.

9.2. Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Will react violently with: Strong reducing agents.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Avoid contact with strong reducing agents.

10.5. Incompatible materials

Materials To Avoid

Strong reducing agents.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:

Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:

Based on available data the classification criteria are not met.

Serious eye damage/irritation:

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation:

Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Does not contain any substances known to be mutagenic.

Carcinogenicity:

Does not contain any substances known to be carcinogenic.

Reproductive Toxicity:

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:

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

Inhalation

No specific health warnings noted.

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation is not anticipated when used normally.

Eye contact

May cause temporary eye irritation.

Toxicological information on ingredients.

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

Acute toxicity:

Acute Toxicity (Oral LD50)

1193 mg/kg Rat

Acute Toxicity (Dermal LD50)

< 2000 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

> 0.17 mg/l (dust/mist) Rat 1 hour

PHOSPHORIC ACID ...% (CAS: 7664-38-2)

Toxic Dose 1 - LD 50

1530 mg/kg (oral rat)

LAURAMINE OXIDE (CAS: 1643-20-5)

Toxic Dose 1 - LD 50

1064 mg/kg (oral rat)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

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

12.1. Toxicity

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

Ecological information on ingredients.

LAURAMINE OXIDE (CAS: 1643-20-5)

LC 50, 96 Hrs, Fish mg/l

2.67

Acute Toxicity - Aquatic Invertebrates

EC50 72 hours 3.1 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

NOEC 72 hours 0.19 mg/l Freshwater algae

Acute Toxicity - Microorganisms

80 mg/l

12.2. Persistence and degradability

Degradability

The surfactant(s) contained in this preparation 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 applicable.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. No specific disposal method required. Recover and reclaim or recycle, if practical.

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.

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 MARPOL73/78 and the IBC Code

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), 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, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. 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.

Information Sources

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	12/09/2014
Revision	7
Supersedes date	12/09/2014

Risk Phrases In Full

R34	Causes burns.
R35	Causes severe burns.
R8	Contact with combustible material may cause fire.
R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
R5	Heating may cause an explosion.
R37	Irritating to respiratory system.
R38	Irritating to skin.
NC	Not classified.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

Hazard Statements In Full

H271	May cause fire or explosion; strong oxidiser.
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.

Notes for Risk Phrases and Hazard Statements in Full

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