

SAFETY DATA SHEET
Deb Oxybac 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 Foam Wash |
| Product number | OXY12LTFSC, OXY47MLSC, OXY47SPFR, OXY47ML, OXY1LSC, OXY47MLBG, OXY1L, OXY12LTF, OXY1LBG, OXY1LTRRS, OXY2LT |
| Synonyms; trade names | Deb OxyBAC Extra FOAMWASH |

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 | Eye Irrit. 2 - H319 |
| Environmental hazards | Not Classified |

2.2. Label elements**Pictogram**

| | |
|--------------------------|-------------------------------------|
| Signal word | Warning |
| Hazard statements | H319 Causes serious eye irritation. |

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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.

Supplemental label information BPR001 Use biocides safely. Always read the label and product information before use.
 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.

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 | | <5% |
| CAS number: 56-81-5 | EC number: 200-289-5 | REACH registration number: 01-2119471987-18-XXXX |
| Classification Not Classified | | |
| LAURAMINE OXIDE | | 1-2.5% |
| CAS number: 1643-20-5 | REACH registration number: 01-2120068065-58-XXXX | |
| 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 | | |
| HYDROGEN PEROXIDE SOLUTION | | 1.05% |
| 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 | | |

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| | | |
|------------------------|----------------------|--|
| PHOSPHORIC ACID | | 1-2.5% |
| 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 | | |
| PHENOXYETHANOL | | 1.0% |
| CAS number: 122-99-6 | EC number: 204-589-7 | REACH registration number: 01-2119488943-21-XXXX |
| Classification | | |
| Eye Irrit. 2 - H319 | | |
| 2-furoic Acid | | 1-2.5% |
| CAS number: 88-14-2 | EC number: 201-803-0 | |
| Classification | | |
| Skin Irrit. 2 - H315 | | |
| Eye Irrit. 2 - H319 | | |
| STOT SE 3 - H335 | | |

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. |
|-----------------------------|------------------------------|

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.

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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

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

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

PHOSPHORIC ACID

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

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

WEL = Workplace Exposure Limit

Ingredient comments None.

GLYCERIN (CAS: 56-81-5)

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DNEL Workers - Inhalation; Long term local effects: 56 mg/m³
 General population - Inhalation; Long term local effects: 33 mg/m³
 General population - Oral; Long term systemic effects: 229 mg/kg/day

PNEC Fresh water; 0.885 mg/l
 Marine water; 0.088 mg/l
 STP; 1000 mg/l
 Sediment (Freshwater); 3.3 mg/kg
 Sediment (Marinewater); 0.33 mg/kg
 Soil; 0.141 mg/kg

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

LAURAMINE OXIDE (CAS: 1643-20-5)

DNEL Workers - Inhalation; Long term systemic effects: 6.2 mg/m³
 Workers - Dermal; Long term systemic effects: 11 mg/kg/day
 General population - Inhalation; Long term systemic effects: 1.53 mg/m³
 General population - Dermal; Long term systemic effects: 5.5 mg/kg/day
 General population - Oral; Long term systemic effects: 0.44 mg/kg/day

PNEC Fresh water; 0.034 mg/l
 Marine water; 0.003 mg/l
 STP; 24 mg/l
 Sediment (Freshwater); 5.24 mg/kg
 Sediment (Marinewater); 0.524 mg/kg
 Soil; 1.02 mg/kg

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

DNEL Workers - Inhalation; Long term local effects: 1.4 mg/m³
 Workers - Inhalation; Short term local effects: 3 mg/m³
 General population - Inhalation; Long term local effects: 0.21 mg/m³
 General population - Inhalation; Short term local effects: 1.93 mg/m³

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

PHOSPHORIC ACID (CAS: 7664-38-2)

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| | |
|-------------|---|
| DNEL | Workers - Inhalation; Long term local effects: 1 mg/m ³ Workers - Inhalation; Short term local effects: 2 mg/m ³ General population - Inhalation; Long term local effects: 0.73 mg/m ³ General population - Oral; Long term systemic effects: 0.1 mg/kg/day |
|-------------|---|

PHENOXYETHANOL (CAS: 122-99-6)

| | |
|-------------|---|
| DNEL | Workers - Inhalation; Long term systemic effects: 8.07 mg/m ³ Workers - Dermal; Long term systemic effects: 20.83 mg/kg/day General population - Inhalation; Long term systemic effects: 2.41 mg/m ³ General population - Dermal; Long term systemic effects: 10.42 mg/kg/day General population - Oral; Long term systemic effects: 9.23 mg/kg/day |
| PNEC | Fresh water; 0.943 mg/l Marine water; 0.094 mg/l STP; 24.8 mg/l Sediment (Freshwater); 7.237 mg/kg Sediment (Marinewater); 0.724 mg/kg Soil; 1.26 mg/kg |

8.2. Exposure controls

| | |
|---|-------------------------------|
| Appropriate engineering controls | Not relevant. |
| Hand protection | Hand protection not required. |
| 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): 2.25 -2.5 |
| 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. |
| Partition coefficient | Not determined. |
| Auto-ignition temperature | Scientifically unjustified. |

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| | |
|----------------------------------|---|
| 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. |
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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. |
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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) | 15,591.94 |
|-------------------------|-----------|

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 | Not irritating. |
|------------------------------|-----------------|

Serious eye damage/irritation

| | |
|--------------------------------------|--------------------------------|
| Serious eye damage/irritation | Causes serious eye irritation. |
|--------------------------------------|--------------------------------|

Respiratory sensitisation

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

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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

HYDROGEN PEROXIDE SOLUTION

Acute toxicity - oral

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

Species Rat Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

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

Species Rabbit

Acute toxicity - inhalation

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| | |
|-----------------------------------|---------|
| 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)C ₅₀ ≤ 1 |
| 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 | EC ₁₀ , 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

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|----------------------------|---|
| General information | When handling waste, the safety precautions applying to handling of the product should be considered. |
| Disposal methods | Dispose of waste product or used containers in accordance with local regulations 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.

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 Not applicable.

Annex II of MARPOL 73/78
and the IBC Code

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

Deb Oxybac Foam Wash

| | |
|---|---|
| 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 | Revision of information NOTE: Lines within the margin indicate significant changes from the previous revision. |
| Revision date | 28/06/2018 |
| Revision | 11 |
| Supersedes date | 18/06/2018 |
| SDS number | 21401 |
| 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. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. |
| 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.