

BIOLOGICAL BIOX

*CLEANING SOLUTIONS
COMBINING:
BIOX '02' IMMERSION FLUID
BIOX BIODEG
ULTRASONIC EQUIPMENT*



*BIOX & Safety
Health Pack*

HEAD OFFICE:

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BIOX - BIO DEG SAFETY DATA SHEET

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Revision No: 5

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

1.1. Product identifier:

Product name: BIOX BIO DEG

1.2. Relevant identified uses of the substance or mixture and uses advised against Use of substance / mixture: Aqueous based cleaning concentrate for dilution in warm water as cleaner for diving breathing apparatus

1.3. Details of the supplier of the safety data sheet

Company name: Biox Ltd

Address:

The Granary

Yeo Lane

North Tawton

Devon

EX20 2DD

Tel: 01837 880135

Fax: 01837 880063

Email: Bioxint@hotmail.com

1.4. Emergency telephone number

Emergency tel: 01837 880135

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements:

Hazard statements: H319: Causes serious eye irritation

Hazard pictograms: GHS07: Exclamation mark

Signal words: Warning



Precautionary statements: P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical attention.

2.3. Other hazards PBT: This product is not identified as a PBT/vPvB substance.



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Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

3-BUTOXYPROPAN-2-OL - REACH registered number(s): 01-2119475527-28
EINECS CAS PBT / WEL CLP Classification Percent 225-878-4 5131-66-8 - Eye Irrit. 2: H319; Skin Irrit. 2: H315
1-10%
ALCOHOLS C9-11, ETHOXYLATE - 68439-46-3 - Acute Tox. 4: H302; Eye Dam. 1: H318 1-10%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water.

Inhalation: Not applicable.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.



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Section 6: Accidental release measures

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Straw

Odour: Barely perceptible odour

Solubility in water: Soluble

Viscosity: Non-viscous

Relative density: 1.02 pH: 11.0

9.2. Other information

Other information: No data available.

[cont...]



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Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Symptoms / routes of exposure...

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

[Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

3-BUTOXYPROPAN-2-OL

SKN RBT LD50 3100 mg/kg

Relevant hazards for product:

Hazard Route Basis

Serious eye damage/irritation OPT Hazardous: calculated

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity : Ecotoxicity values: No data available.

12.2. Persistence and degradability : Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential : Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil : Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment : PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects..Other adverse effects: Negligible ecotoxicity.

cont...]



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Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information...

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. * indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.