



BIOX LTD

MATERIAL SAFETY DATA SHEET FOR BIOX 02 LIQUID

Compilation date: 22/03/2016 Revision No: 16

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

1.1. Product identifier

Product name: BIOX 02 Liquid

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

1.3. Details of the supplier of the safety data sheet

Company name: Biox Ltd

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: This product has no classification under CLP.

2.2. Label elements Label elements: This product has no label elements.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Section 4: First aid measures

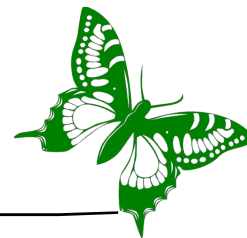
4.1. Description of first aid measures :

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

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.



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Section 4: First aid measures

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

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. 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: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak side up to prevent the escape of liquid.

6.2. Environmental precautions : Environmental precautions: Do not discharge contaminated liquid into drains or rivers. Contain the spillage using bunding. Sluice to waste using plenty of cold water through normal sewerage system

6.3. Methods and material for containment and cleaning up : Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

6.4. Biox 02 is neutralised by adding Sodium Bicarbonate, NaHCO_3
(Baking Soda. 6% raises pH to 5.5, 9% raises pH to 7.0)

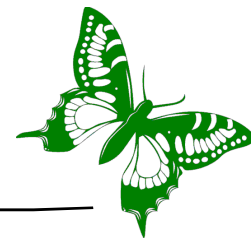
6.5 Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s): No data available.



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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:

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. 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: Pale yellow

Solubility in water: Soluble

Viscosity: Non-viscous

Relative density: 1.03

pH: 2.2

VoC: Low Voc rating - VTT Technical Research Centre of Finland's analysis shows that Biox 02 Liquid has a Low VOC emission and is Non Flammable (Research report NO: VTT-S-06516-07).

9.2. Other information : Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

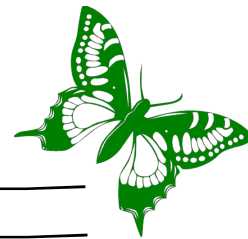
Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid: Extreme Heat - Evaporation may occur.

10.5. Incompatible materials: Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products: In combustion emits toxic fumes.



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11.1. Information on toxicological effects

Toxicity values: Non Toxic.

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability: Biodegradable.

12.3. 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: Negligible ecotoxicity.

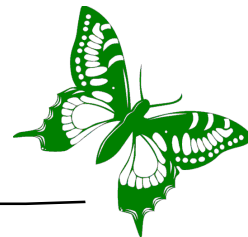
Section 13: Disposal considerations

13.1. Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14) Transport information:

General Transportation:	Not dangerous for carriage.
Rail Transport Notes:	Not Classified.
Marine Pollutant:	No.
Sea Transport Notes	Not Classified
Air Transport Notes	Not Classified
Export Tariff No.	3402909000



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15) Regulatory information:

Risk Phrases: Not Classified.
Labeling: (77/728 EEC)

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

15.2. Specific regulations: Not applicable.

16) Other information:

After use rinse and dry hands thoroughly. People with sensitive or damaged skin should avoid prolonged contact. Biox 02 should not be used on dissimilar metals.

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

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.

Revised 16 th edition