

# Biox 02 Cleaning Fluid · 25L

SKU: BIOX 02-25

Price: ?196.00



## Description

### Recommended Dilution Ratios

#### Flushing Procedure for Gas and Life Support (<25% Oxygen) Pipes

"A mixture of BiOX 02 Liquid to water in a ratio of 1:4 is required." (Source Link: [Lloyd's Register and Mara Engineering Reports and Cleaning Procedures Using BiOX '02' Immersion Fluid](#), page 5.)

#### Fushing Procedure for Oxygen and Enriched Mix (>25% Oxygen)

"BiOX 02 Liquid / water solution 1:4 kept specifically for this task in a heated tank (approximately maintained at 60°C · 60°C) and filtered to Compar 4 standard." (Source Link: [Lloyd's Register and Mara Engineering Reports and Cleaning Procedures Using BiOX '02' Immersion Fluid](#), pages 5, 9.)

## Summary

BiOX Cleaning Product Range is diverse in its cleaning abilities, although mainly used for cleaning of oxygen and hyperbaric equipment, decompression chambers, pipework and valves, this product has been in service for over 40 years in the cleaning of oxygen related equipment. BiOX 02 is also used for servicing of brass wind instruments, hydrogen pipework, shipping cooler systems and many challenging cleaning requirements within industry.

BiOX '02' Liquid is also used in the procedures of hyperbaric cleaning companies accredited by Det Norske Veritas (DNV). The rigorous testing qualifications of DNV have demonstrated that, after cleaning with BiOX '02' and the Mara/Lloyds Register of Shipping cleaning methods, no contamination or trace of BiOX '02' remains in the apparatus. The systems are then fit for oxygen use, proving the high standards of BiOX '02' cleaning capabilities.

By using BiOX '02' Liquid in combination with BiOX Bio Deg, industries, military establishments, and consumers can access exceptional cleaning solutions. When paired with the power of ultrasonic action, our products offer

the highest standards of cleaning safety.

Together, Biox can protect both employees and the environment from the harmful effects of harsher chemical alternatives. Nuvaair is an [authorized distributor](#) of Biox Cleaning Products.

## **How Biox Products Can Change the Way You See the Challenges of Cleaning**

### **Oxygen & Hyperbaric Cleaning**

Biox products offer a wide range of uses, primarily within the oxygen and hyperbaric cleaning industries through the use of Biox '02' Liquid and Biox Bio Deg. Our products are trusted and distributed by many prestigious offshore and diving companies that specialize in servicing oxygenated breathing equipment and pipework. Biox '02' has NATO codification and is used by military establishments worldwide.

The reusability, health and safety benefits, and exceptional cleaning abilities make it an ideal solution for oxygen-related equipment. When paired with an ultrasonic tank, our product is not only safe to use but also incredibly powerful in its cleaning performance.

### **Pipeline Cleaning**

Biox '02' is used by hydrogen plant systems for cleaning their pipework. It is safe to use, provides excellent results, and is easy to dispose of after use. Biox '02' is the perfect solution for all your pipework cleaning projects, from oxygen lines to shipping air conditioning systems.

### **Post Manufacture Cleaning**

Biox '02' is ideal for post-manufacture cleaning processes, effectively removing machining oils and debris without damaging the steels used. It ensures a high standard of cleanliness, making the equipment ready for packing and distribution.

### **Passivation**

Our product, Biox '02', is used in the pre-cleaning of stainless steel during the passivation process, enhancing the steel's rust resistance. For passivation to be effective, the steel must be spotless, and Biox '02' ensures this high standard of cleanliness.

### **Filtration Systems**

Biox '02' is used by the British Sugar industry for cleaning their sugar filtration systems, effectively removing contamination and deposits from steel filtration equipment. It has also been successfully used to clean spinneret machinery, where it removes deposits and heat carbonization.

### **Musical Instrument Servicing**

Biox '02' has achieved great success in the brass musical instrument cleaning industry. It is used by some of the most respected cleaning companies in the UK for brass instrument restoration and servicing. Gentle in use and safe for cleaning, Biox '02' is the ideal solution for maintaining brass instruments.

### **Historical Artefact Restoration**

Biox Gel and Biox '02' have been trusted for years in the restoration and cleaning of historical artifacts. These products are used in watch restoration, cleaning gilding, preserving historical artifacts, and car restoration.

Both Biox Gel and Liquid clean gently and safely, without damaging the metals involved, restoring historical items to their best possible condition. Biox products are sold through conservation resources and are used by historical museums in their archives and conservation storage.

## **Cement Removal**

Biox '02' is fantastic for removing cement, breaking it down easily and safely, making it a better alternative to many other removal products. It is particularly effective for cleaning scaffolding clips and stands, freeing them up and restoring them to a workable condition—even if they are seized.

Biox '02' is also known to remove sea mollusks and barnacles that have attached themselves to metals. The most effective removal method is using ultrasonic action with Biox '02' liquid.