



## **SEPTIONE: DISINFECTANT SOAKING PRODUCT**

*Bactericidal, fungicidal, algicidal and antiviral treatment of mouthpieces, regulators, recycling systems, neoprene and all sports equipment in contact with the skin: Four-product range\*  
Tested according to AFNOR procedures*

### **USERS:**

*Professional divers, Army and Civil Protection divers, leisure divers, businesses, maintenance workshops, etc.*

### **\*USE RANGE:**

*The ABYSSNAUT® product range is used to:*

- Disinfect regulators, snorkel mouthpieces, masks, neoprene: *SeptiOne equipment*
- Disinfect neoprene wetsuits: *SeptiOne neoprene*
- Disinfect Nitrox, oxy contact, recycling equipment: *breathing bags, corrugated hoses and mouthpieces: SeptiOne Nitrox*

### **COMPOSITION:**

**ABYSSNAUT FORMULA®**

- Didecyl dimethyl ammonium chloride
- Sequestrant
- Solubilising agent
- Fragrance
- Water q.s.p.

### **CHARACTERISTICS:**

- *Appearance: clear liquid (some cloudiness may arise if  $T^{\circ} < 15^{\circ}C$ , but this does not alter the product's quality)*
  - *Colour: colourless to yellow (depending on the fragrance)*
  - *Fragrance: neutral (Nitrox) Apple fragrance (Equipment/ Ultrasounds) or exotic (Neoprene)*
- Mild ammonia odour on the fragrance-free product 0404*
- *Density at 20°C: 997.5 g/l*
  - *pH pure: 9      pH diluted: 7*
  - *Fully water-dispersible*
  - *Stable at cold temperatures, even if a slight cloudiness occurs*
  - *Incompatible with anionic detergents*
- Rinses off easily*  
*Excellent cavitation capacity in the presence of ultrasounds (SeptiOne Ultrasounds)*

### **ACTIVITY RANGE:**

*Results obtained with the diluted product*

*Procedure and protocol AFNOR EN1276: (1997) with interfering substance: bovine albumin 0.3g/l and 3g/l.*

- Escherichia coli ATCC10536, 5min: reduction >6.5 log*
- Pseudomonas aeruginosa ATCC 15442, 5min: reduction >6.5 log*
- Staphylococcus aureus ATCC 6538, 5min : reduction >5.9 log*
- Enterococcus hirae ATCC 8043, 5min: reduction >6.3 log*

***In accordance with EN 1276: 1997** which requires a reduction of the bacterial population by at least 5 log, the ABYSSNAUT® disinfectant product, based on a 5-minute application time, provides a bactericidal activity, in clean and dirty conditions, against the reference strains for which the product has been tested.*

*Procedure and protocol AFNOR EN1650: (1997) with interfering substance: bovine albumin 0.3g/l and 3g/l.*

- Candida albicans ATCC10231, 5min: reduction >4.2 log*
- Aspergillus niger ATCC 16404: 5min: reduction >5 log*



**In accordance with EN 1650: 1997** which requires a reduction of the bacterial population by at least 4 log, the **ABYSSNAUT®** disinfectant product, based on a 5-minute application time, provides a fungicidal activity, in clean and dirty conditions, against the reference strains for which the product has been tested.

Tests carried out in May 2003.

The product's algicidal properties have been demonstrated with a concentration 100 times less than the recommended concentration.

The virucidal properties have been demonstrated on several enveloped viruses including: HIV1 virus, hepatitis B virus.

### **RECOMMENDED DOSAGE:**

**Dilution: 2%** - i.e. 1 litre of the relevant product to be diluted in 50 litres of fresh water.

Equipment can be disinfected by soaking for 5 to 15min in a volume of water to which the appropriate volume of product has been added previously. This soaking must be followed by careful rinsing, mainly of breathing equipment.

### **ECO INFO:**

Biodegradability greater than 98%

Food quality packaging

**The ABYSSNAUT® formula improves the safety of users and respect for the environment.**

### **PACKAGING:**

Products are available in the following packagings:

- 250mL dosette
- 500ml bottle
- 1L bottle

### **IDENTIFICATION OF THE HAZARDS OF THE PURE PRODUCT:**

Classification according to regulation (EC) No. 1272/2008 (CLP):

H314: Causes serious burns to skin and severe eye damage

Pictograms:



SHG 07

Warning statement: Hazard

H302: Harmful if swallowed

H314: Causes serious burns to skin and severe eye damage

Safety advice:

P102: Keep out of reach of children

P264: Wash hands thoroughly after handling

P301+P330+P331: IF SWALLOWED: rinse the mouth out. DO NOT INDUCE VOMITING.

P301+P310: IF SWALLOWED: Call an ANTI-POISON CENTRE or a doctor immediately.

P303+P361+P353: IN THE EVENT OF CONTACT WITH THE SKIN (or hair): remove all contaminated clothing immediately. Rinse the skin with water / Shower.

P363: Wash contaminated clothing before reuse.

P310: Call an ANTI-POISON CENTRE or a doctor immediately.

P305+P351+ P338: IN THE EVENT OF CONTACT WITH THE EYES: rinse carefully with water for several minutes. Remove contact lenses if the victim is wearing them and if they can be removed easily. Continue rinsing.

NUMBER OF THE ANTI-POISON CENTRE IN PARIS: +33 (1) 40 05 48 48

**Once diluted, the product presents no hazard classification**