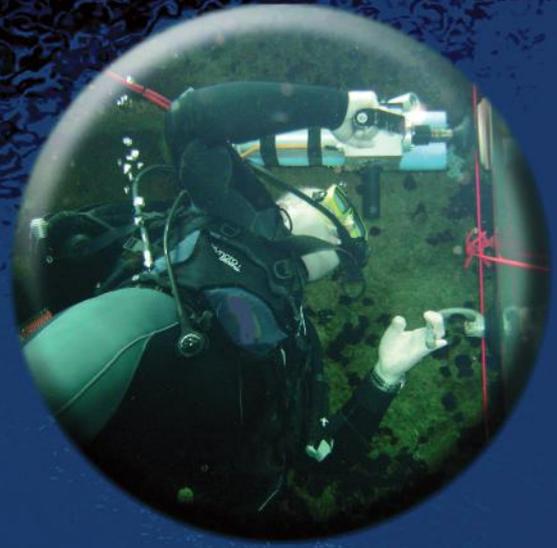


WATER SPORT

ABYSSNAUT



HIGH PERFORMANCE CLEANING AGENTS FOR:

- DIVING EQUIPMENT
- HYPERBARIC DEVICES
- NAUTICAL MATERIAL
- AQUATIC ENVIRONMENT

WWW.ABYSSNAUT.COM



ABYSSNAUT IS AN INNOVATIVE COMPANY THAT OFFERS A RANGE OF CLEANING PRODUCTS FOR DIVING, HYPERBARIC AND NAUTICAL EQUIPMENTS AS WELL AS FITTINGS.

AbyssNaut own state of the art laboratory develops formulas for applications in its field of expertise: professional scuba diving, deep-sea divers and rescuers, but they also extend to sports, leisure activities and decontamination. We also work in partnership with internationally renowned laboratories.

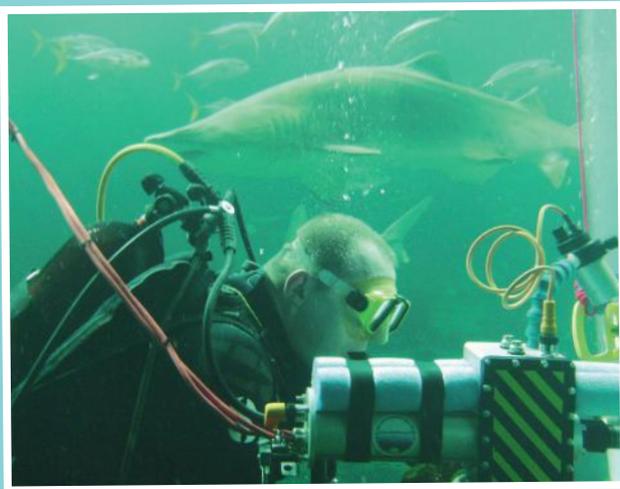
All of our formulas have been developed with molecules selected for their quality, their performances and their biodegradability in order to minimize the impact of our products on the environment.

AbyssNaut is constantly developing its formulas: the future environmental stakes stress the orientation of our searches towards user and eco friendly products.

Many professionals trust us :



All AbyssNaut products have undergone extensive testing before their commercialization.



Fire brigade of Paris

Civil Safety

French Navy

River Police of Paris

SNSM

EMCC CTS
(Vinci Construction)

INPP...

All products technical data sheets and safety data sheets are available upon request. Find all our products and services on our website www.abyssnaut.com



PRODUCTS FORMULATED, MANUFACTURED AND PACKED IN FRANCE



Diver : Frank Vasseur

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DISINFECTING AGENTS FOR DIVING MATERIAL



SEPTIONE RANGE

The first formula developed by our lab more than 10 years ago, the SeptiOne range has undergone many tests and has been approved by the most demanding professional divers: the French Navy, SDIS, SNSM... Specifically formulated to be used on the most sensitive diving equipment, it is one of the best products available nowadays on the market.

DISINFECTION AND CLEANING OF DIVING EQUIPMENT BY SOAKING



Disinfecting cleaning agent for diving equipment with bactericidal, fungicidal virucidal and algicidal properties.



- **SeptiOne Néoprène** : cleaning agent **specific for neoprene clothes**. Besides its disinfecting effect, it **preserves the wetsuits, softens it and covers the unpleasant neoprene odor**. It also confers a **silky touch** to it.



- **SeptiOne Matériel** : cleaning agent for all kind of **diving equipment**, such as regulator, mouthpieces, snorkels, masks, SCBA... (can also be used on neoprene).



- **SeptiOne Nitrox** : specific cleaning agent for the disinfection of **rebreathers (mouthpieces, breathing bags, corrugated hoses...)** and all kind of **Nitrox equipment**.



- **SeptiOne Ultrasons** : specific cleaning agent for disinfection in **ultrasonic tanks**, recommended for the optimization of ultrasounds cavitation

PROPERTIES and ADVANTAGES:

The SeptiOne range has been tested according to "Antiseptic and disinfectant" procedures AFNOR EN1276 and EN1650.

The virucidal properties of its active ingredient were proven on numerous wrapped viruses.

Eliminates **micro-organisms and algae depots** in the pressure regulators. It maintains the devices clean and **increases their shelf-lives**.

Respects the equipment: does not damage neoprene, plastics, seals and metal alloys.

Non-irritating after dilution, no allergenic effect or bad reactions.

USER INSTRUCTIONS:

The disinfection is made by a minimum soaking time of 5 minutes after dilution in an appropriate volume of cold water followed by a simple rinsing.

Dosage must be respect to obtain an effective disinfection as well as an optimal cleanliness.



TWO RANGES :

The range for PRIVATE INDIVIDUALS

DILUTION:

2% or 1L in 50L of water.

PACKAGINGS:

250ml - 500ml - 1L bottle



The range intended for Professionals

DILUTION PRO:

0.5% or 1L in 200L of water.

PACKAGINGS for PROS:

100ml -1L Pro bottle (measuring glass included)

Cans of 5L - 20L (upon request)

Tap and measuring tumbler sold separately.



SeptiOne : Product selected by the French Navy

Rent services :

offering an individual 100ml dose for each rented wetsuit allows to have an always disinfected, maintained wetsuit collection, with a pleasant long lasting smell on the neoprene.

Accessories :

The dilution center* allows to obtain instantaneously a ready to use homogeneous disinfecting solution and to optimize quantity of AbyssNaut products.

Available on a trolley or on a wall mounting plate.

Abyss'Cleaner* is a rational tool, simple and reliable, developed and perfectly adapted for maintenance, cleaning and disinfection of diving suits.

Professionals: a poster highlighting your process with your customers is offered every year!



Use biocides with precaution.

Before any use, read labels and product information carefully.

*Described in the Accessories section



DISINFECTING AGENT FOR NAUTICAL EQUIPMENT

BACTSTER RANGE

Antibacterial and anti-fungal properties: product has been tested according to "Antiseptic and disinfectant" procedures AFNOR EN1276 and EN1650.

**THIS RANGE IS
ONLY INTENDED FOR
PROFESSIONAL**

BACTSTER NAUTICAL

BactSter is a disinfecting agent for neoprene clothes and wetsuits but also for all kind of pieces of equipment that has a direct contact with skin, as well as nautical gear.



The dilution unit allows to obtain instantaneously a ready to use homogeneous disinfecting solution and to optimize quantity of AbyssNaut products.

A poster highlighting your process with your customers is offered every year !

USER INSTRUCTIONS:

The disinfection is made by a minimum soaking time of 5 minutes after dilution in an appropriate volume of cold water followed by a simple rinsing.

DILUTION :

0.5% or 1L in 200L of water.

Dosage must be respected to obtain an effective disinfection as well as an optimal cleanliness.

PACKAGINGS :

- 1L bottle (measuring glass included)
- 5L Can
- Tap, measuring tumbler and dilution unit available separately.

Use biocides with precaution. Before any use, read labels and product information carefully.

ECOSTERIX RANGE

Broad-spectrum disinfecting agent, ready to use, low foaming, more than 99% biodegradable. Normalized by AFNOR procedures: in compliance with the bactericidal, virucidal, fungicidal and sporicidal AFNOR standards.

Formulated with accelerated hydrogen peroxide: patented technology, known as one of the most efficient and ecological disinfection method.

DISINFECTION BY SPRAYING WITHOUT RINSING

ECOSTERIX H₂O



Disinfects mouthpieces: regulators, SCBA, snorkels, diving equipment.

- Spray directly on the equipment **without rinsing**.
- Length of application: 15 minutes minimum.

ADVANTAGES :

Without risk for the user*
Easy to use: spraying without rinsing.
No impact on the environment:
Biodegradability superior to 99%.
Leaves no residue on the equipment or in the air.

PACKAGINGS :

- 75ml pocket spray: counter display available:
- 500mL trigger spray
- 5L refill fountain
- 20L can
- Box of 120 soft clothes

ECOSTERIX MS



Disinfects and deodorizes the inside of dry suits, semi-dry or conventional wetsuits.

- Spray directly onto the equipment **no need to rinse**.
- Temps d'application de 15 min minimum.

ADVANTAGES :

Without risk for the user*
Easy to use: spraying without rinsing.
Deodorant.
No impact on the environment
biodegradability superior to 99%.
Leaves no residue on the equipment or in the air.

PACKAGINGS:

- 75ml pocket spray: counter display available.
- 500ml trigger spray
- 5L refill fountain
- 20L can

**in standard conditions of use, and following the manufacturer's prescriptions. Use biocides with precaution. Before any use, read labels and product information carefully.*

ACCESSORIES FOR APPLICATION OF ABYSSNAUT PRODUCTS

PRESSURE SPRAYER



Filling capacity: 1,5 liters

Wearing the provided glasses is mandatory when misting on the equipment:
Do not spray on the face or in the eyes. Please read the safety instructions carefully.



Bare wetsuits available at Axess Marketing



For misting products from
the EcoSterix range

Thin misting for an economical, homogeneous, and effective disinfection, in complete respect for the environment.

For the disinfection of your rental equipment:
neoprene clothes, diving clothes (dry or wet).

PRACTICAL and ECONOMICAL ADVANTAGES:

- time saving
(about 30sec per suit).
- Savings of water and product.
- Reliable (AFNOR certified).
- No rinsing.
- Easy and practical to apply.
- Respectful of the equipment.

USER INSTRUCTIONS:

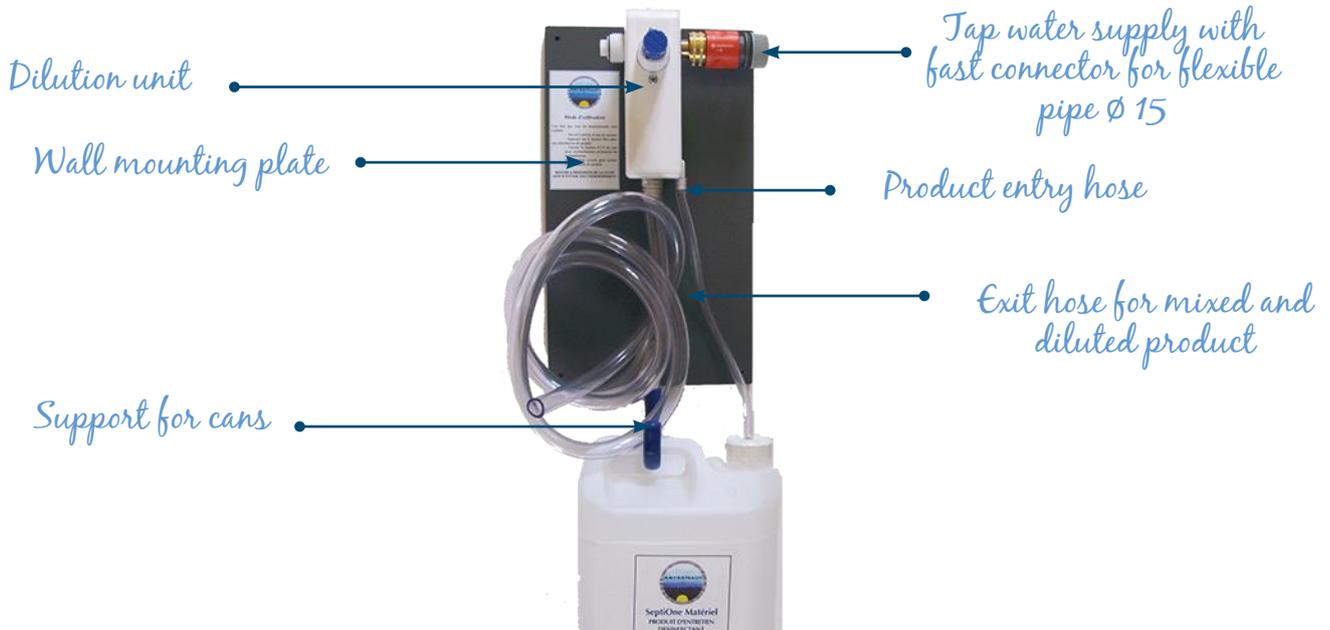
1. Compress the spray tank.
2. Mist finely EcoSterix on the targeted equipment by pulling the trigger.
3. Wait a minimum of application and evaporation time of 15 minutes. .
Do not then require any rinsing.

Use biocides with precaution. Before any use, read labels and product information carefully..



ABYSSNAUT DILUTION CENTER

The AbyssNaut dilution center allows to automatically dilute the right volume of SeptiOne or BactSter disinfecting agent.



Dilution center on plate

2 MODELS :

- **Dilution center on plate :**
The wall mounting plate contains 4 holes for its installation (screws included).
- **Dilution center on trolley :**
allows an easy transportation from site to site.



Mobile dilution center

ADVANTAGES:

- Avoid calculations of dilution.
- Mix automatically the cleaning agent for an optimized, homogeneous disinfecting solution.
- Avoid waste of product.
- Do not require a connection to a power source.
- Easy installation.

USER INSTRUCTIONS :

Once everything is connected:

1. Open the water supply.
2. Push the blue knob to start product supply.
3. Turn the knob a quarter of turn for automatic product supply. Turn back this knob to stop the automatic supply.

PLATE SYSTEM DIMENSIONS :

- Height : 350 mm
- Width : 200 mm
- Thickness : 120 mm

ACCESSORIES FOR APPLICATION OF ABYSSNAUT PRODUCTS

ABYSS'CLEANER EVOLUTION 3

2 models available : 330 Litres or 470 Litres.

AbyssNaut cleaning tank is a rational, simple and reliable tool, perfectly adapted for maintenance, cleaning and disinfection of diving clothes.

The essential cleaning
tool for neoprene clothes
disinfection



The immersion system allows to maintain the neoprene fully immersed during cleaning, **avoiding the necessity of any kind of ballasting device**, thus strengthening the cleaning and disinfection process through better exposure to the product.

Deflectors blades on the immersion systems enable to avoid sucking phenomenons.

The new **plates locking system** is stronger and more ergonomic.

The **dilution center** automatically dose out the optimal volume of **AbyssNaut** disinfecting agent required, whatever the requested volume of solution in the tank.



Locking system



Dilution center



Water outlet

TWO MODELS :

- **Abyss'Cleaner GM** allows for simultaneous disinfection and cleaning of up to 10 7mm XL neoprene suits or 15 to 20 3mm shortys.
- **Abyss'Cleaner PM** allows for simultaneous disinfection and cleaning of 5 to 7 suits depending on their sizes and thickness and up to ten 3mm shortys.



PRACTICAL AND ECONOMICAL ADVANTAGES :

Rational, simple and reliable.
Soaking bath optimization: water and product savings.
No electric connection.
Easy dosing.
Easy to use: no need for ballasting or to look for masks and regulators at the bottom of the tank.
All-round solution, specifically conceived for neoprene and diving equipment.



OPTION :

Rolling frame: move your tank even when it is loaded.

A product fully imagined and created by AbyssNaut®

SEPTICROCO CASE

Our **Croco case**, with integrated lid, allows to clean and to store a full diving equipment. Ultra resistant, it features strengthened hinges and lid, it is specially conceived to transport heavy loads and can also hold your weights without any risk of deformation or cracks.



Main ADVANTAGES :

Sturdy construct : store even your weights

3 models :

- 56L / ext. dimensions (mm) : 600x400x310
- 65L / ext. dimensions (mm) : 600x400x365
- 77 L / ext. dimensions (mm) : 600x400x400

Allows to **clean** and to **rinse** a complete equipment, after drying also allows to store it.

Easy wet gear transportation without any risk of leaks.
Ergonomic handles.

TWO OPTIONS :

- Single-use safety pin to reliably lock the case.
- Rolling frame.



ACCESSORIES FOR APPLICATION OF ABYSSNAUT PRODUCTS

ULTRASONIC TANKS

Cleaning, degreasing, oxidation removing or disinfecting.

Emag: patented and proven technology made in Germany.

AbyssNaut propose you with very high performances ultrasonic tanks.

We choose to work with Emag because of their seriousness, their experience, but most of all the performance and reliability of their products.



A cleaning action similar to a mechanical sweeping, deep in details, thanks to ultrasonic technology !

Different models are available upon request: from 1.2l to 42l



TECHNICAL DATA:

Ultrasonic power:	from 150 to 350 Watts
Ultrasonic power regulator:	50-75-100 %
Heating capacity:	300 Watts
Heating regulator:	15- 80°C
Timer:	1-60 min
FREQUENCY:	38 kHz
POWER SUPPLY:	230 V / 50 Hz
OVERLOAD PROTECTION:	IP20

APPLICATION:

- Laboratories, maintenance departments...

ADVANTAGES:

- Very easy to use.
- German quality.

SeptiOne Ultrasons: AbyssNaut propose you with a special cleaning and disinfecting agent that optimize cavitation in ultrasonic tanks.



ANTI FOG - MASKS AND LENSES TREATMENTS

To solve the resurging problem of fog in masks, our laboratory developed the ecofriendly HubloNet formula, it is highly efficient and without any irritating vapor after application, thus guarantying the comfort and safety of the diver.

HUBLONET



Counter display

High performances anti fog



50ml bottle



5L fountain refill

APPLICATIONS:

- Diving mask.
- Diving helmets.

PACKAGINGS:

- 50ml spray - 500ml
- 5L refill can
- Counter display available

ADVANTAGES:

- Avoid fog very effectively.
- Effective even in swimming pool.
- Economical and biodegradable.
- Leave no residue or varnish on top of the glass.
- Easy to apply.
- Not irritating*

HubloNet is a mask treatment: the product should not be in any circumstances in direct contact with the eyes.



SILICNET

Curative treatment eliminating silicone residues from NEW DIVING MASK.



Duo Masque

SilicNet is a curative treatment for mask before any use, the product should not be in any circumstances used as a demister or be in direct contact with skin and eyes.

APPLICATION:

- NEW diving mask.

ADVANTAGES

- Leaves absolutely clean surfaces and eliminates effectively silicone rests.
- Evaporates without leaving any residues.
- Does not contain either CFC or chlorinated solvent.
- Respects masks components.

PACKAGINGS:

- 60ml and 250ml bottles.
- Duo Masque :
HubloNet 50ml - SilicNet 60ml provided with very soft cloths and coton bud.

*in normal conditions of use

CLEANER FOR SURFACES IN PLASTIC



HUBLOCLEAN

Ecological cleaner without solvent, formulated upon vegetables extracts to clean glass or polycarbonate lenses.

MODE OF APPLICATION:

- Ready to use product.
- Spray onto surfaces or apply with a soft cloth.
- Then wipe with a soft, clean and dry cloth.

PACKAGINGS:

- 125ml spray
- 5L fountain refill

ADVANTAGES:

Biodegradability superior to 99% - without alcohol.
Fast drying.
Hydrophobic and anti fog properties.
Reduce the formation of salt and scale residues.
Does not leave any marks.
Leaves shiny surfaces.
Facilitates later cleanings due to water film retraction.
Recommended for glass, stainless steel, enamel, sensitive plastics, polycarbonate, PMMA...

OPTICAL POLISHING PASTE: POLIXNAUT RANGE

Polishing pastes with various granulometry are available upon request.

OPTICAL CLEANING CLOTH

ADVANTAGES:

Ultrasoft: for application on sensitive surfaces without any risk of scratch.
Thick tangled weaving: a leading choice interms of resistance.
Can be used with aggressive solvents without disintegrating.
Structured surface facilitating the elimination of greases and difficult stains.
Sterilization of sheets guaranteed by ISEGA certificate.
Size : 64 x 38 cm 20.5g / sheet.
Easy to cut sheets.

PACKAGINGS:

- Package of 3 sheets
- 120 sheets box



LUBRICANTS FOR MAKING DRESSING

Anyone who dives faces regularly problem when putting on drysuits, tight wetsuits or spearfishing suits: AbyssNaut has the solution. We developed 3 products..

VÉTISPEED

NEW BIODEGRADABLE FORMULA



Clear lubricant, which can be sprayed over cuffs of wet or dry wetsuits in order to facilitate the clothing, to keep up the seals and to restrict water movements.

APPLICATION:

- Spray onto cuffs of diving wet- and drysuits: VetiSpeed is better for small surfaces (cuffs). It improves watertightness of thigh seals, heavy duty latex... (drysuits).

ADVANTAGES:

- Clear lubricant.
- Odorless.
- Non irritating or sensibilizing - neutral pH.
- Non toxic and non polluting for the environment
- biodegradable.

PACKAGING: 125ml spray.

- Apply by spraying on cuffs, eventually spread with a finger.

VÉTISPEED SI

Old proven formula base on silicone oil still available.

NEW FORMULA way more efficient

FLUID Z



Synthetic lubricant which can be sprayed inside the spearfishing wetsuits in order to facilitate the clothing and restricts the risks of tearing cuffs.



APPLICATION:

- Spray on the inside surfaces of thigh neopren wetsuits like spearfishing suits. Fluid Z is more adapted to the lubrication of large surfaces (hunting suits).

ADVANTAGES:

- Non greasy lubricant, water soluble.
- easy to apply: convenient and simple to use.
- Odorless and totally clear.
- Non skin irritating - neutral pH.
- Non toxic or harmful for the environment.

PACKAGINGS:

- 500ml spray with trigger - 5L fountain refill.

Results of comparative analysis between AbyssNaut VetiSpeed/ Fluid Z/ Talcum powder/ soapy water. Application on wetsuits cuffs, dry and waterproof.

	Facilitate clothing	Lubricates	Restricts water movements	Restricts microcracks	Irritating	Sensibilization risk identified	Easy to use
VetiSpeed SI	Yes +++	Yes +++	Yes	Yes +++	No	No	+++
Fluid Z	Yes +++	Yes ++	No	Yes +	No	No	+++
Talc	Yes +	No	No	No	No	No	+
Eau savonneuse	Yes ++	Yes ++	No	No	Yes	No	-



Maintenance pack for zippers and fastenings of drysuits



Pack containing a cleaner and a lubricant to maintain and lubricate zippers of drysuits, TIZIP as well as any other kind of zippers.

APPLICATION:

1. Spray the **solvent AUN ECO** onto zipper and rub it with the brush. Leave it to evaporate. Renew this step if necessary, depending of the state of the zipper.
2. Apply the **lubricant FKR 10** with the pipette along the zipper. Open and close it one or two times, renew if necessary.

ADVANTAGES:

• SOLVENT AUN ECO

Allow to dissolve dirt aggregates and particles that clog zipperteeth (salt, sand, dirt, greasy particles...).

Cleans surfaces to ensure optimal lubricating effect.

Ecological solvent without any labels of risk.

• FKR 10 LUBRICANT

Enable easy sliding and movement of cursor.

Protect from oxidation.

Reduce wear.

Improve watertightness.

Do not generate sticky compound that fixed abrasive dirt, silica and salt crystals...

The liquid lubricant guaranty for homogenous zipper lubrication.

Can be used on metal or plastic mechanisms.

Easy to use.

Not staining.

PACKAGINGS:

- AUN Spray: 60ml
- Burette FKR 10: 60ml
- Sold separately or in pack.
- Pack DUO FERMETURE sold with a small brush in a zip lock bag.

VULKEMAX TWIN

Glue to repair
and seal



BI-COMPONENT GLUE TO :

- repair and add accessories to you diving suits.
- create and strenghten watertightness of underwater systems. (chambers, waterproof tanks...).



This glue creates very strong bounds on neoprene, foams, heavy duty latex, almost all kind of rubbers, PVC, and on plastics such as PP, PE, POM... And as a very high resistance to UV and salt water!

VulkeMax Twin is a new generation glue with very high coeficient of elasticity and high mechanical properties after curing.

It allows to stick materials with very different coefficients of expansion such as metal on glass.



APPLICATIONS:

- Scubadiving: repair of neoprene clothes, preparation and repair of drysuits, accessories assembling...
- Watertightness sealing of boxes, connections, and all kind of underwater systems...
- Gluing, assembling, joints potting of anti-vibration system, composite materials, deformable elements, sealings, fixation, molding of parts...

MODE OF APPLICATION:

- Mix both components.
- *Mixture should be 1 on 1 in volume (we supply auto-mixing cannulas).*
- Clean and degrease surfaces to be stuck. Apply and keep surfaces stuck together (*a contact glue may be used to facilitate fitting*).
- Curing time is at least 6 hours.
- To clean tools and polluted surface we recommend: VulkeMax Solv.

ADVANTAGES:

- Exceptional adhesion on neoprene, rubbers and plastics.
- Sticks on most supports (do not apply on nitrile).
- Excellent resistance to thermal shock, UVs and salt water...
- Allows to realize waterproof seals and to glue deformable elements.
- Allows to realize anti-vibration and shock resistant pairings.
- Quick polymerization.
- No solvent.
- Can be applied on wet surfaces on temperatures higher than 5°C.

PACKAGINGS:

- Bi-component needle with mixing cannulas: 25ml (2 x 12.5ml).
- Other volume of needles available upon request.
- Gluing accessories available: guns, mixing cannulas...



VULKEMAX CONTACT

**Neoprene glue: gel contact glue with rubber neoprene.
Multifunctional multipurpose glue possessing high mechanical performances.**

APPLICATIONS:

- Gluing of fabrics and neoprene constituting of a diving suit: to repair suits, hoods, diving shoes, gloves.
- Also sticks: rubber, polyurethane, leather, metallic sheets, cork, lead, wood...

APPLICATION:

1. Surfaces to glue must be perfectly cleaned, dry, degreased, dusted and without any silicone.
2. Glue regularly, without excess thickness, both sides to assemble.
3. Let evaporate solvents 15 to 20 minutes.
4. Put in contact parts to glue precisely. The grip is immediate.
Clean tools and polluted surfaces using VULKEMAX SOLV.



ADVANTAGES:

- Flexible glue joint, possessing a remarkable adhesion substrates and an excellent ageing resistance.
- Does not flow, does not run.
- Adheres to most materials.
- Excellent resistance to tears and heat (up to 150°C).
- Good resistance to humidity.
- Can be kept a long time after first opening.

PACKAGINGS:

- Tubes or pots available upon request.

VULKEMAX SOLV

**Nettoyant dégraissant polyvalent avec un faible impact pour l'environnement.
Hautes propriétés de dissolution d'un grand nombre de résines et de certains polymères.**

APPLICATIONS:

- Ideal for the elimination of VulkeMax Twin and VulkeMax Contact residues.
- Suitable for the cleaning of tools, tanks, parts, equipments.

MODE of APPLICATION:

- Product ready to use.
- Application by spraying, with a cloth or by soaking.
- If necessary, let acts for a few minutes and wipe.
- Repeat the operation if necessary.

ADVANTAGES:

- Low odor.
- Without COV.
- High performances.
- Without any label of risk.
- Non-flammable.

PACKAGINGS:

- 110ml bottle
- 1L – 5L can



ABYSSNAUT DA 87



Liquid descaling agent, more efficient than classical mineral acids. Enables a quick and efficient elimination of **scale, rust and mud sediments**.



The DA 87 can also eliminate **lime deposits** during **rebreathers maintenance**.



APPLICATIONS:

- **Regulators maintenance:** eliminates mineral sediments of **salt, scale and chlorine...**
- Renovation of former solidified material.
- Recyclers cleaning: eliminate efficiently **soda lime sediments**.
- Descaling of all kind of mechanical pieces, concretioned motor pumps (any kind of minerals residues).
- Cleaning of air/water fittings, riggings...

ADVANTAGES:

Can be used without risk on steel, copper, brass, glass, nickel, stainless steel, lead, rubber, PMMA, most type of plastics... (for galvanized material, do not exceed a 30 % concentration).

Rinse after application.

Biodegradable : rejecting the liquids in the grid does not present any particular risk for the environment.

Not labeled and non hazardous : this product is not classified as hazardous. The storage and manipulation do not require any particular procedures.

Easy to use : apply pure or diluted. Rinse with water. Its activity can be controlled with a simple pH strip (<6).

Usable in food-processing industry : authorized by the USDA and FDA (Food and Drug Administration). After application product must be rinsed in clear water.

PACKAGINGS:

- 110ml - 250ml spray
- 1L bottle
- 5L - 20L can



STAIN REMOVER

TEXTIONE 28

Ultra-powerful technical stain remover for textile application:
tar removing, descaling, anti-resin, dilution of inks.



NEW FORMULA

Ecological
stain
remover



APPLICATIONS:

- Allows to remove and to eliminate tar stains on **clothes and divers bags**.

ADVANTAGES:

- Efficient and easy to use.
- Biodegradable .
- Without any VOC .

INSTRUCTIONS:

- Spray directly on the stain, leave to work then rub support against support until disappearance of this one. Repeat operation if necessary.

VERY OLD STAINS CAN PERSIST ON THE SUPPORT.

PACKAGINGS:

- 60ml spray
- 5L refill can

SOLVENTS CLEANERS DEGREASERS

ABYSSNAUT AUN ECO

Low environmental impact solvent. Multipurpose degreaser and cleaner. .

APPLICATIONS:

- Developed for cleaning seals, tools, tanks, parts and equipments.

INSTRUCTIONS:

- Ready to use product.
- Apply by spraying, on a cloth or by soaking.
- If necessary, let acts for a few minutes and wipe with a clean dry cloth.
- Repeat operation if necessary.

ADVANTAGES

- Without VOC.
- High Performances.
- Non-flammable.
- Multipurpose.
- Environment friendly.
- User friendly.
- No risk labeling.

PACKAGINGS:

- 60ml spray
- 250ml bottle
- 1L - 5L can

SOLVENTS CLEANERS DEGREASERS

ABYSSNAUT AUN FD



High performance degreaser that leaves no residue after evaporation, for mechanical parts and diving equipment. Clean quickly and without any residue greasy compounds, dirt, salt, as well as certain type of resins, wax...



APPLICATIONS:

- Cleaning before lubrication with **oxygen compatible lubricant**.
- Degreaser and cleaner for diving tanks.
- Cleaning of all kind of surfaces even those that are uneven and dirty prior to application of our lubricating range.
- Cleaning of seal gouges on every waterproof system.
- For cleaning breathable air tanks, first fill them with 50 to 100 bar of air after application of AUN FD, then empty them completely before filling and using with breathable air.

ADVANTAGES

Fast and reliable cleaning effect, surfaces are totally clean after use.
Evaporates without any residue.
INS H1 registered (incidental food contact).
Safe for neoprene, rubbers (nitrile...)
Safe for thermoplastics: PMMA, PVC, Polycarbonate...
Very good degreasing solution prior to gluing.
Can be used even at high temperature.

PACKAGINGS:

- 400ml spray
- 5L - 20L can

ABYSSNAUT AUN 25

Soft degreaser for cleaning sensitive mechanical parts, diving equipment...

Cleaner based on different types of solvents selected for their synergic effect: very efficient against greases, silicon residues, greasy compounds...



ADVANTAGES:

Very efficient against silicone rests.
Leaves clean surfaces.
Degreaser before using industrial glues.
Evaporates without any residues.
Does not contain CFC or chlorinated solvents.

Safe for neoprene, rubber, thermoplastics, PMMA, PVC, Polycarbonate...

PACKAGINGS:

- 250ml spray
- 1L bottle
- 5L - 20L can



ABYSSNAUT ITN CLEAN



PFPE based cleaner /diluent to be used before lubrication with our oxygen compatible ITN range. .

Improve performances and life cycle of PFPE/PTFE greases.
Allows them to hold better onto surfaces and increase safety.



For an in depth cleaning before any lubrication or lubrication with a PFPE grease like these of our AbyssNaut ITN range.

Can be use to thin PFPE greases.



APPLICATIONS:

- Cleaning prior to lubrication of parts facing extreme conditions of use:
 - Tek diving
 - Nitox/Trimix Diving
 - Aeronautic

MODE D'APPLICATION

- Apply in thin layers with a clean brush or a dedicated cloth.
- Many packagings available upon request.

ADVANTAGES

- NSF H1 registered.
- Evaporates quickly without residues.
- Allows PFPE to hold better onto surfaces and increase their performances.
- Eliminate grease residues.
- Guaranty absolutely clean surfaces.
- Non-flammable.**





ABYSSNAUT ITN 25

PURE OXYGEN COMPATIBLE GREASE



Perfluoropolyether based high performances grease, specially developed for the lubrication of material in contact with pure oxygen and sensitive gas, like: CO2, SO2, NO2, S2, H2S...

APPLICATIONS:

- Lubrication of materials in contact with pure oxygen or over oxygenated gas: seals, taps, fittings...
- High temperature and aggressive environment lubrication.

ADVANTAGES:

Excellent lubricating properties.
Solvents and acrid smoke resistant.

Excellente protection against wear.
Longer relubrication intervals.
BAM 110 bars/60°C conform, Air Liquide certified.
Temperature range: -40 to 250°C.

PACKAGINGS:

- 10g - 20g - 1kg pots
- 8g tubes
- almost all volumes upon request.

ABYSSNAUT ITN 40 / ITN SP

Inert synthetic high performances oil based on perfluoropolyether. Specially developed for the lubrication of material in contact with pure oxygen and sensitive gas.

ITN Sp : multipurpose and economic oxygen compatible lubricant
Based on ITN40.

PURE OXYGEN COMPATIBLE OIL



APPLICATIONS:

- Special inert oil for high temperature application et aggressive environments. Or for contact with pure oxygen and sensitive gaz: CO2, SO2, NO2, S2, H2S...
- Lubrication of all kind of seals, taps and material in contact with breathable gas having more than 25% oxygen.
- Lubrication of plastic/plastic slides, all kind of plastic mecanisme, as well as dynamic waterproof bearings. .
- Lubrication of bearings used by temperatures above +300°C.

ADVANTAGES:

Excellent lubricating properties.
Resistant against chemicals.
Radiation and oxygen resistant.
Very high oxidation stability.
Compatible with almost every materials.
BAM 160 bars/60°C conform.
Temperature range: -30 to +290°C.

PACKAGINGS:

- 10g to 1kg burettes - Almost all volumes available upon request.
- 250ml spray





ABYSSNAUT ISX 46



SILICONE GREASE



Synthetic gease based on 100% silicone oil. This high performance silicone grease can be use for static lubrications under extreme environments and high temperatures.

APPLICATIONS:

- Tap lubrication, valves, regulators under high or low temperatures.
- Fitting of o rings, seals...
- All-round seal lubrication.
- Protects rubbers: makes them shiny and soft, protects and shines plastics.

Waterdisplacing properties: water resistant, electrical insulating.
 Odorless, non flammable, non toxic.
 NSF H1 registered.
 Temperature range : -40 to +150°C.

ADVANTAGES:

Excellent lubricating properties.
 Excellent waterproof properties.
 Very good protection against oxidation, rust and scale.
 Allows for easy fittings.

PACKAGINGS:

- 30g - 75g pots
- 25ml tubes
- Others upon request

DO NOT USE WITH PURE OXYGEN.

ABYSSNAUT SCC180



Graisse au Sulfonate Calcium Complexe très hautes performances, résistante à la charge, à l'oxydation, à l'eau, aux mouvements mécaniques....

APPLICATIONS

- All kind of metal and plastic pairings under mechanical load and in wet environment.
- Lubrication of slides, bearings, cogs, gears...

ADVANTAGES:

Good wear protection.
 Water and steam resistant.
 Temperature range : -30°C- +180°C.
 Low friction coefficients.
 Very high sheer and mechanical stability.
 NSF H1 registered.

PACKAGINGS:

- 75g - 250g – 1kg cans (others upon request)



ABYSSNAUT ISX 32

SILICONE OIL



Clear synthetic lubricant
100% based
on silicone.



APPLICATIONS:

- Scuba-diving: gives back elasticity to rubbers, latex and seals...
- Protects rubbers and gives them back their softness and shine.
- Protects plastics and make them regain their shine.
- Can be apply on latex suits to avoid cracks and tears.

ADVANTAGES

Very good lubrications.
100% silicone.
Resistant against humidity, water displacement properties.
Release agent and lubricant for plastic and for all parts in metal/plastic.
Totally clear.
NSF H1 registered.
Non irritating, no sensibilizing effect identified.
Temperature range: -40 to +150°C.

PACKAGINGS:

- 100ml burette
- 1L bottle
- 5L - 20L cans

ABYSSNAUT FKR 10



OIL BASED ON PARAFFIN WAX



APPLICATIONS:

- Lubricate zippers from drysuits, as well as all other kind of fasteners and zippers.
- Maintains and preserves seals, o rings and stainless steel mechanism.

ADVANTAGES:

Paraffin oil physiologically neutral, totally transparent.
Very good oxidation resistance.
Protects against corrosion.
Excellent lubricating film.
NSF H1 registered.

PACKAGINGS:

- Sold in combination with a bottle of cleaner AUN or separately:
- 60ml burette
- 5L - 20L cans

HIGH PERFORMANCE LUBRICANTS PENETRATING AGENT

ABYSSNAUT GLIS PRO

Multipurpose high performance lubricant, cleaner, penetrating agent and rust preventive.



APPLICATIONS:

- Rust preventive for metal parts during storage in salty environments.
- Excellent lubricant for mechanical parts like: chaines, cables, seals, axles...
- Water repellent, very good cleaning of mechanical parts.
- Eliminate fretting corrosion on metallic surfaces.
- Optimal combination of cleaner and fine lubrication.

ADVANTAGES:

- Excellent penetrating properties.
- Absorb wet residues.
- Compatible with almost all kind of materials.
- Leaves a protecting film.
- Without silicone.

INSTRUCTIONS:

- Apply on clean and degreased surfaces. Before storage put on parts to avoid corrosion.
- To eliminate fretting corrosion, apply by circular

motions with a microfiber cloth, then rub with a cleaning towel. Shake well before use.

PACKAGINGS:
400ml sprays





ABYSSNAUT DÉGRIP S50

Super synthetic penetrating agent.



APPLICATIONS:

- Recommended to unjam screws, zippers, mechanisms, rusted parts, overpressure valves, regulator parts...
- Easy release of assemblies, protects against rust, and lubricates.

AVANTAGES:

Allows for a quick and easy release.
Excellent penetrating properties: gets even in the most limited spaces.
Very good lubrication properties.
Economical in use.

INSTRUCTIONS:

- Application by central lubrication system or with a brush. Let the product penetrate and act. Shake well before use.

PACKAGINGS:

400mL Spray





REMOVER

Innovate decontaminant, biodegradable, environment-friendly, based on vegetables extract.
Multifunction fluid: solvent – degreaser – wetting agent– detergent – descaling - tar remover – cleaner with high solvation power which confers an effective action on most of hydrocarbons, body fat and carbon compounds.

No labelling, no ecotoxicity, neutral pH and high biodegradability.

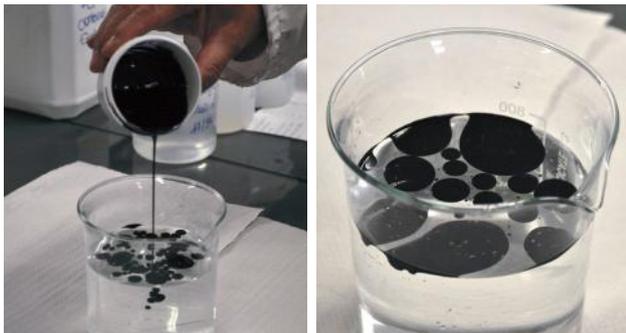
REACTION MECHANISM:

Remover micronizes and dissolves the molecular chains of the contaminant and accelerates the biodegradation: it breaks up the molecular chains of pollutants making them BIO-AVAILABLE.
He acts as a catalyst towards bacterial activity which transforms the pollutant into water and carbon dioxide.

TRIPLE ACTION:

- Rupture of long molecular chains constituting of contaminants.
- Dissolution of a large number of molecules.
- Creation of an emulsion making the recombination of the pollutant original molecules impossible and favoring, thanks to its absence of eco-toxicity, the biodegradation of the solution by micro-organisms.

WATER+OIL



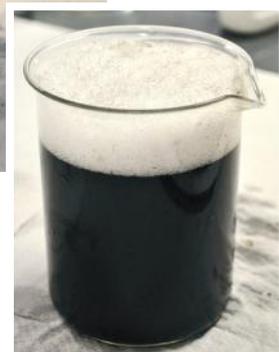
OIL SOLUBILIZATION



REMOVER SPRAYING



STIRRING





APPLICATIONS:

- Remediation and decontamination of surfaces, structures, materials and composites contaminated by untreated oil, petroleum products, heavy and light hydrocarbons, fatty substances and carbon residues.
- Treatment of atmospheric, organic and biological pollutions.
- Purification of polluted grounds.
- Treatment of polluted waters, leachates, muds...
- Cleaning of oil spillage.
- Smell control: acts on smells caused by organic compounds.
- Cleaning of reservoirs, tanks, polluted tanks.
- Acceleration of the water treatment process: boosts the water-treatment action in bio-plants and does not trouble the action of micro-organisms.
- Stabilization and fast reduction of risks of fire or explosion. Neutralization of risks in case of dispersal of contaminated waters.

MODE OF APPLICATION:

- The product is used diluted (2 to 20%) or pure depending on the nature, the type, the extent, the duration of the sediments and pollutants to treat or to eliminate.
- Pure product: in the case of contamination by petroleum, oils or hydrocarbons.

To use REMOVER you do not need any special material, you may use:

pressure sprayer / immersion / washer / high-pressure machine...

REMOVER is used as a cleaner, a grease remover or a conventional solvent.

According to the applications, optimal results are obtained by hot pressure spraying or even with steam.

ADVANTAGES:

- Active in fresh and salt water environment.
- Soluble in the water.
- Low evaporation rate.
- Works on a large number of organic and carbon contaminants.
- Does not produce smell or volatile substances.
- Neutralizes smells caused by organic decomposition.
- Does not damage surfaces and substrates.
- No Eco toxicity: no negative effect on the environment.
- Absence of chemicals impoverishing the ozone layer.
- Based on renewable raw materials.
- Buffering effect on acids and bases of mineral origin.
- Acts on organic and carbon components, pollutants of oil origins and greasy substances.
- Quick action - easy to use.
- Non-flammable.
- Without VOC.
- Neutral pH.
- No risk labelling.
- Product implementation does not require the use of any masks, personal protective equipments or suction systems.



OPURE



Antimicrobial water treatment.

Biodegradable, broad-spectrum stable disinfection solution based on stabilized hydrogen peroxide (patented technology).

APPLICATIONS:

- Water disinfecting treatment.
- Stagnant waters treatment.
- Drinkable or residual waters treatment.
- Skin disinfection: antiseptic agent.

Wastewater treatment: H₂O₂ avoids the creation of H₂S in wastewater (in anaerobic environment), and destroys cyanides ions, nitrites ions, phenols ions...

Comply with bactericidal, virucidal, sporicidal, algicide standards: tested on bacteria (gram - and gram +), small and big viruses, spores, amoebas, yeasts, molds.

AFNOR standard NF T 72-171

AFNOR standard NF T 72-180

AFNOR standard NF T 72-231

AFNOR standard NF T 72-281

European standard NF EN 1275

REACTION MECHANISM:

- Stabilized hydrogen peroxide has oxidizing properties, that makes it very reactive against organic material and which also grant it a broad spectrum of use against micro-organisms.
- After water treatment, hydrogen peroxide decomposes essentially into water and oxygen ($2\text{H}_2\text{O}_2 = 2\text{H}_2\text{O} + \text{O}_2$).

USER INSTRUCTIONS:

For water disinfection:

- Dilute 10 drops of OPURE in one liter of water.
- wait for about 20 minutes.

For skin disinfection :

- Apply the product without any dilution.

ADVANTAGES:

- Ready to use.
- Low foaming.
- Biodegradability superior to 99%.
- Chlorine and aldehyde-free.
- Odorless.
- Avoid smell from microbial developments.
- Excellent stability.
- Non toxic

PACKAGINGS:

- 100ml dropper
- 1L bottle
- 5L can

FOR MORE INFORMATION

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- Express delivery
- Worldwide shipping



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