

Introducing two **NEW**

**MICROBE-LIFT**<sup>®</sup>

Herbal Water Conditioners

**SABBACTISUN**<sup>™</sup>

effective against these

**Bacterial Diseases**

- Bacterial dropsy
- Fungus • Milky skin
- Fin/tail rot • Ulcers
- Bulging eyes • Mouth rot • Raised scales

MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> is a unique, herbal, immune-enhancing stimulant which reduces bacterial and fungal infections in fish showing symptoms, such as: fin and tail rot, ulcers, bulging eyes (Exophthalmia), milky skin, raised scales, mouth rot/fungus and dropsy (ascites). MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> will help boost the natural immune system of the fish with no risk of building up future resistance, as can occur when antibiotics are used.

MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> will help to drive pathogenic bacteria off the fish and, without a host, ultimately results in the death of the bacteria. MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> is effective at reducing bacterial infections as well as ulcers and wounds, which often occur on Koi. Regular antibiotics may kill non-resistant bacteria, but will not heal ulcers and will leave an open wound or ulcer sensitive to reinfection. Even with deep ulcers—and in a surprisingly short time span—MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> additionally stimulates and accelerates regeneration of damaged tissue until no trace of the wound remains. So, even if an antibiotic treatment is used, you should also use MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> to minimize reinfection.

MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> can be used directly in any pond and is safe for all life in/around it. It's a great aide when acclimating fish to a new environment.

**CONCENTRATED ML/SABBACTISUN<sup>™</sup>**  
#SBACTC08

8 oz. (236 mL) treats 120 gals. for 10 days

#SBACTC16

16 oz. (473 mL) treats 240 gals. for 10 days

#SBACTC 32

32 oz. (946 mL) treats 480 gals. for 10 days

**REGULAR STRENGTH ML/SABBACTISUN<sup>™</sup>**  
#SABCT04

4 oz. (118 mL) treats 12 gals. for 10 days

#SABCT08

8 oz. (236 mL) treats 24 gals. for 10 days

#SABCT16

16 oz. (473 mL) treats 48 gals. for 10 days

#SABCT32

32 oz. (946 mL) treats 96 gals. for 10 days

All-Natural Expellants  
for a  
**Natural Aquatic Environment!**

Antibiotic treatments pose many problems for water quality as well as kill nitrifying bacteria in the biofilter so that daily water changes become necessary in order to prevent ammonia poisoning.

**QUESTION:**

**If MICROBE-LIFT<sup>®</sup>/PARAZORYNE<sup>™</sup> & MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> don't kill off the nitrifying bacteria in the filter, how are they still effective against pathogenic bacteria?**

**ANSWER:**

**MICROBE-LIFT<sup>®</sup>/PARAZORYNE<sup>™</sup> & MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> are NOT BIOCIDES! They are natural immune system stimulants. Being such, when either product is used, no bacterial populations are affected in the water or filtration system.**

MICROBE-LIFT<sup>®</sup>/PARAZORYNE<sup>™</sup> and MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> do not degrade water quality—saving you both time and money. During treatment, your fish can be fed normally and filtration can remain in normal operation, all aiding the well-being and recovery of your fish. Although using a quarantine tank will always be safer and more economical, MICROBE-LIFT<sup>®</sup>/PARAZORYNE<sup>™</sup> and MICROBE-LIFT<sup>®</sup>/SABBACTISUN<sup>™</sup> can be safely used in show tanks and ponds.



Available In:  
**Black-capped REGULAR STRENGTH**  
for **QUARANTINE TANKS & PONDS UNDER 100 GALS!**  
**Color-capped CONCENTRATE**  
for **PONDS OVER 100 GALS!**

**PARAZORYNE**<sup>™</sup>

effective against these

**Parasitic Diseases**

- White spots • Costia
- Flukes (gill & skin)
- Trichodina • Oodinium
- Chilodonella

MICROBE-LIFT<sup>®</sup>/PARAZORYNE<sup>™</sup> is a unique, herbal, immune-enhancing stimulant, which reduces: skin flukes (Gyrodactylus), gill flukes (Dactylogyrus), Ich (Ichthyophthirius multifiliis), Oodinium, Costia (Ichthyobodo necator), Chilodonella and Trichodina. Parasitic infections are characterized by symptoms, such as: milky skin, flashing and heavy breathing. However, they can only be diagnosed with certainty through microscopic examination.

Naturally controlled by the fish's immune system, parasites are present on most fish in very low levels at all times. When stress levels increase, the ability of the immune system to respond to its requirement to control the natural level of parasites is directly affected. This poor response allows parasites to increase in number, thus causing any of the serious, above mentioned health issues in the host fish. MICROBE-LIFT<sup>®</sup>/PARAZORYNE<sup>™</sup> supports the fish's immune system, driving off the excess parasites. Since they cannot return to the fish during that treatment, the majority of the parasites will starve without a host. So, although MICROBE-LIFT<sup>®</sup>/PARAZORYNE<sup>™</sup> does not directly kill parasites, it is ultimately responsible for their death.

MICROBE-LIFT<sup>®</sup>/PARAZORYNE<sup>™</sup> restores the fish's natural balance. It is not a disinfectant. It is harmless to all nitrifying filter bacteria and aquatic plants. Using chemicals can have a detrimental effect on the bacterial biomass of the tank ecosystem. Even after a treatment, there will be some parasites present, as there will be on any healthy fish.

**CONCENTRATED ML/PARAZORYNE<sup>™</sup>**  
#PARAC08

8 oz. (236 mL) treats 120 gals. for 10 days

#PARAC16

16 oz. (473 mL) treats 240 gals. for 10 days

#PARAC32

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**MICROBE-LIFT®/SABBACTISUN™ and MICROBE-LIFT®/PARAZORYNE™ have so many benefits, why would anyone use antibiotics, antiparasitics or chemotherapeutics?**

**Antibiotics, Antiparasitics & Chemotherapeutics:**

- Can kill the nitrifying (biofilter) bacteria which results in water quality problems
- May result in the development of resistant bacteria
- Can lower the activity of the fish's immune system
- May have negative impact on sensitive fish species and plants
- Can affect silicone sealings

**Benefits of MICROBE-LIFT®/ SABBACTISUN™ & MICROBE-LIFT®/PARAZORYNE™**

- 100% natural, herbal products
- MICROBE-LIFT®/ SABBACTISUN™ is effective against pathogenic bacteria such as *Aeromonas* sp., *Pseudomonas* sp., *Cytophaga*/ *Flavobacterium* / *Flexibacter* sp. and also many antibiotic-resistant bacteria strains
- MICROBE-LIFT®/PARAZORYNE™ is effective against parasites such as *Gyrodactylus* sp., *Dactylogyrus* sp., *Chilodonella* sp., *Trichodina* sp., *Ichthyophthirius multifiliis*, *Ichthyobodo necator* and *Oodinium* sp.
- Safe for all fresh and brackish water fish species and aquatic plants
- Does not result in resistance
- Nontoxic
- Does not affect nitrifying bacteria (biofilter bacteria)
- Does not color the water or stain or affect silicone sealings
- No harmful residues. MICROBE-LIFT®/ SABBACTISUN™ and MICROBE-LIFT®/PARAZORYNE™ are completely biodegradable
- Environmentally friendly
- More effective than home remedies

In most cases, fish diseases are caused by bad living conditions, such as: overcrowding, poor water quality or an improper biotope. To prevent recurrence, examine the underlying cause of the problem. Quarantine new fish for at least 4 weeks. A single dose of MICROBE-LIFT®/ SABBACTISUN™ will help the fish quickly acclimate to its new environment.

When the water is poor, the immune system of the fish cannot be enhanced by MICROBE-LIFT®/ SABBACTISUN™ or MICROBE-LIFT®/PARAZORYNE™. Ammonia and nitrite should not be above 0.4 ppm and the pH must be on a level suitable for the particular species of fish.

**Directions**

Turn off water treatment equipment, such as: U.V. sterilizers, algae magnets, ozonizers and protein skimmers. Remove carbon and/or zeolite from the filter while treating with MICROBE-LIFT®/ SABBACTISUN™ or MICROBE-LIFT®/PARAZORYNE™. All mechanical and biological filtration must be kept in operation as usual.

MICROBE-LIFT®/ SABBACTISUN™ or MICROBE-LIFT®/PARAZORYNE™ are natural products which are extremely biodegradable. In quarantine tanks and/or ponds with a lot of organic waste and high NO<sub>3</sub> (nitrate) levels, it is recommended to clean the abundance of floating or bottom dirt and do a partial water change.

For best results, do a partial water change before every dose. Mix MICROBE-LIFT®/ SABBACTISUN™ or MICROBE-LIFT®/PARAZORYNE™ in a suitable container with several gallons of tank/pond water and distribute mixture evenly over the quarantine tank or pond.

MICROBE-LIFT®/ SABBACTISUN™ and MICROBE-LIFT®/PARAZORYNE™ may be alternated and used 12 hours apart.

MICROBE-LIFT®/ SABBACTISUN™ and MICROBE-LIFT®/PARAZORYNE™ have a guaranteed shelf life of 2 years when kept at 68°F(20°C). Store in a dark place.

**Instructions for MICROBE-LIFT®/SABBACTISUN™**

The most economical method to treat pond fish with wounds or ulcers is a quarantine tank. Use a filter in this tank with some used filter media in it from the pond filter. This way you will have a working biofilter. Because fish are cold blooded animals, tissue regeneration has a direct correlation with the water temperature. As a result, using MICROBE-LIFT®/ SABBACTISUN™ below 65°F(20°C) has little effect on tissue regeneration, but—although it will take longer than at higher temperatures—still cures the inflammation.

The duration of the treatment will depend on the severity of the bacterial infection. On average, 10 days will be sufficient if there is no damaged skin. In serious cases, dose until symptoms disappear.

**Healing an ulcer has 2 stages:**

**1. Curing the Inflammation**

The red color of the wound will gradually change to light pink or white. Depending on the severity of the ulcer and the water temperature, this will take between 5 to 20 days. Dose daily until the ulcers have changed to a light pink or white color.

**2. Regeneration of the Missing Tissue**

Depending on the severity of the ulcer and the water temperature, this will take between 2 to 7 weeks. Very serious ulcers can be completely healed by dosing daily for about 5 weeks at a temperature of 71°F (22°C). For tissue regeneration, dose every other day until the skin has healed.

**Instructions for MICROBE-LIFT®/PARAZORYNE™**

Dose daily for 10 days. MICROBE-LIFT®/PARAZORYNE™ is not a disinfectant. Rather, it restores the fish's internal natural balance. After a treatment, there will be some parasites present, as there will be on any healthy fish.

**Ingredients**

Purified water, plant and herbal extracts

Manufactured by  
 **Ecological Laboratories** INC.  
2525 NE 9TH AVE. CAPE CORAL, FL 33909  
Providing Aquatic Solutions Since 1976  
[www.microbelift.com](http://www.microbelift.com) 

Call  
**800.645.2976**  
for the name of your  
local distributor.