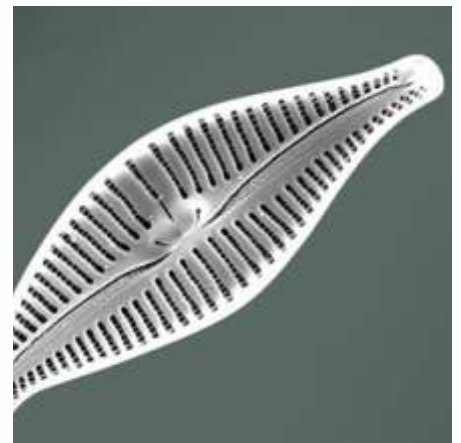
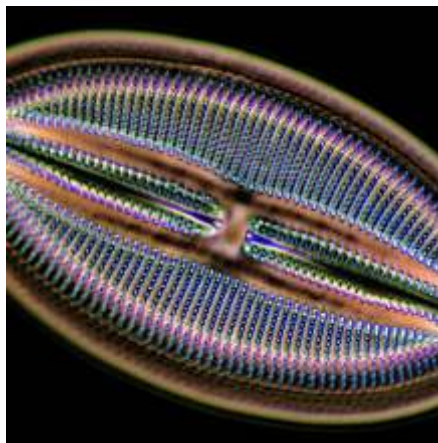


DiaSIL-AQL™

A Natural Nano Biotechnology @ Its Best

Diatoms are a unicellular algae and nature's live nutrients consisting of Proteins, Lipids, Carbohydrates, DHA, Vitamins, Minerals, Fatty acids and Amino acids. Diatoms are at the bottom of the food chain and are consumed by Zooplankton which in turn are consumed by aquatic animals and serve as a primary source of aquatic animal food chain.

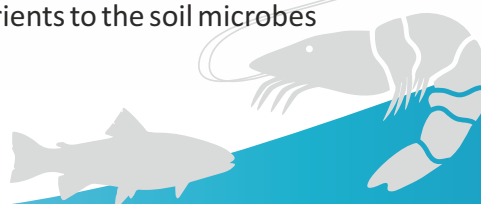
Depending upon the species and cultural conditions the beneficial diatom contains 32% to 38% crude proteins. An optimum diatom population helps to exclude pathogenic species such as vibrio and cyanobacteria and helps to moderate the oxygen cycle to create more consistent oxygen levels resulting in more stable water chemistry.



DiaSIL-AQL™ consists of an optimized and synergistic assortment of non-chemical and safe minerals and nutrients with Silicon (water soluble silicic acid) in bioavailable form for better absorption by diatoms and naturally occurring Fe, Ca, Mn, Mg, Zn, Cu, B, S, Mo as micro nutrients based upon latest generation technology in combination with Allium extracts important for diatom algae growth.

DiaSIL-AQL™

- Enables the diatoms to grow fast with rapid replication
- Enables to increase the dissolved oxygen levels in the pond
- Enables to increase natural aerobic bacteria in pond due to higher O₂ levels
- Enables the replication of diatoms in the bottom of the food chain
- Enables to provide critical nutrients to the soil microbes



Recommended Usage Levels & Administration:

During Pond Preparation - Soil: - 1 to 2 Kg of DiaSIL AQL liquid product per acre of pond.

Administration: - Mix **DiaSIL-AQL™** with around 50 L of pond water taken from pond and make stock solution. The prepared stock solution is sprayed on soil uniformly all over 1 acre of the pond space. Spraying in the center of the pond is more important and then gradually moving away from the center is suggested.

Note: - **DiaSIL-AQL™** can also be mixed with inorganic & organic fertilizers (cow dung) & sprayed or applied on pond soil. The stock solution can be used immediately after preparation but for best results it is suggested that the stock solution should be stored for 3 days and then applied on the pond soil.

During Running culture: - 500 g to 1 Kg of **DiaSIL-AQL™** liquid per acre of pond. Repeated every 10 to 15 days

Administration: - Dilute **DiaSIL-AQL™** 500 g to 1 Kg liquid in 40 to 50 L of pond water to make a stock solution. Broadcast the stock solution all over the pond. Start the aerators immediately after broadcasting stock solution in pond for better mixing throughout the pond. For best results it is suggested to store the stock solution for 3 days.

Important Note – For Better Results:

Apply DiaSIL-AQL™ more in the center of the pond where depth is more.

Apply DiaSIL-AQL™ during morning hours (Sun rise time)

Always shake the bottle of DiaSIL-AQL™ well before use.

Presentations

5 Kg HDPE Jars

10 Kg HDPE Drums

20 Kg HDPE Drums



Protect from Direct Sunlight

Keep Out of Reach of Children

Not For Human use

For Aquaculture Use Only

This Document is For Use of An Aquaculture Technician Only

Free From Hormones and Antibiotics

Catalyst LifeSciences Pvt. Ltd.

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DISPOSAL OF BAD AND OUTER PACKAGE: Do not contaminate water, food or feed by storage and disposal. Completely empty container into application equipment. Triple rinse pail and offer for recycling or reconditioning. Containers can also be disposed of in a sanitary landfill or by incineration, or in accordance with guidance from your local waste regulation authority, such as by burning (if burned, stay out of smoke). When applying this product to water bodies, avoid solid particles from falling on nearby ground where birds and feed may be present.

