Disinfectant division established decades ago to give complete solution of hygiene. A fully dedicated disinfectants manufacturing facility providing world class products and equipments always ready to face new challenges of the industry. World class products aims to set the standards by providing cutting edge solutions. Being the only plants of its kind with an ISO 9001:2008 & GMP certified disinfectants production facility gives added value to the product manufactured here.
VH-GROUP

Established four decades back, VH Group is known as one of the most integrated and progressive poultry conglomerates in the world today. It is empowered with a vision to excel on a global scale. Our mission is to provide world-class products and services to our esteemed customers and industry to achieve its competitive status.

Being the market leader in India, VH Group is actively involved in shaping the Indian poultry industry. We are committed to understanding the ever-changing and demanding poultry industry that gives us an edge in identifying the needs of the industry in preventive vaccines, health products and most importantly, biosecurity products and services.

B.V. Bio-Corp Pvt. Ltd.
The flagship company of the VH Group – Venkateshwaran Hanches Pvt. Ltd. was established under the able guidance of its founder chairman Late Padmashree DR. B.V. Rao. Today the group is world renowned for its adherence to Quality Through Technology.

The group manufactures products using state-of-the-art technology combined with the research and innovative spirit of its qualified professionals.

Why we....
A significant challenge to the expansion of aquaculture production is the outbreak of disease. Potential economic losses from disease outbreaks are significant and can affect the survival of the industry. The occurrence of disease is a combination of the health of the animal, the condition of the environment, and the presence of the pathogens. There is need to implement appropriate biosecurity measures to prevent the spread of infectious diseases among farms.

On understanding the conditions in India and disease challenges, we are ready to deliver the finest in terms of nutrition to the industry.

As our feedback of our growth, we are ready to support you in this aspect of the business.

Advantages:

Each 100 ml has nutritional value of:
Protein Hydrolysate 22.0 g

- To supply the proximate content of nutritionally essential amino acids & other nutrients.

<table>
<thead>
<tr>
<th>Amino Acid</th>
<th>Amount (g)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arginine</td>
<td>1.712 g</td>
<td></td>
</tr>
<tr>
<td>Cystine</td>
<td>0.374 g</td>
<td></td>
</tr>
<tr>
<td>Glutamine</td>
<td>1.026 g</td>
<td></td>
</tr>
<tr>
<td>Histidine</td>
<td>0.638 g</td>
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</tr>
<tr>
<td>Isoleucine</td>
<td>1.066 g</td>
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<tr>
<td>Leucine</td>
<td>1.848 g</td>
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<tr>
<td>Lysolecine</td>
<td>1.487 g</td>
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<tr>
<td>DL-Methionine</td>
<td>0.336 g</td>
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<tr>
<td>Phenylalanine</td>
<td>1.178 g</td>
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<tr>
<td>Serine</td>
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<tr>
<td>Threonine</td>
<td>1.041 g</td>
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<tr>
<td>Tyrosine</td>
<td>0.938 g</td>
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<tr>
<td>Valine</td>
<td>1.099 g</td>
<td></td>
</tr>
<tr>
<td>Lysine</td>
<td>1.400 mg</td>
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<tr>
<td>Calcium</td>
<td>56 g</td>
<td></td>
</tr>
<tr>
<td>Potassium</td>
<td>232 mg</td>
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<tr>
<td>Sodium</td>
<td>667 mg</td>
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<tr>
<td>Magnesium</td>
<td>556 mg</td>
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<tr>
<td>Manganese</td>
<td>5.56 mg</td>
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<tr>
<td>Zinc</td>
<td>2.23 mg</td>
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</tr>
<tr>
<td>Iron</td>
<td>6.66 mg</td>
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</tr>
<tr>
<td>Copper</td>
<td>1.33 mg</td>
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<tr>
<td>Iodine</td>
<td>728 mg</td>
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</tr>
<tr>
<td>Cobalt</td>
<td>1.34 mg</td>
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</tr>
<tr>
<td>Papain</td>
<td>333 mg</td>
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<tr>
<td>Yeast Extract</td>
<td>667 mg</td>
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</tr>
<tr>
<td>Carbohydrates</td>
<td>56.0 g</td>
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</tr>
<tr>
<td>Total Energy</td>
<td>313.60 Kcal</td>
<td></td>
</tr>
<tr>
<td>Each bottle contains: Total Nitrogen</td>
<td>4.117 g</td>
<td></td>
</tr>
<tr>
<td>Protein Hydrolysate</td>
<td>32.0 g</td>
<td></td>
</tr>
</tbody>
</table>

General Description:
For high performing aquatic animals, there is always a nutritional gap between availability and requirement of functional nutrients. Aquatic animals get less bioavailable nutrients during stress/disease conditions. Lowered feed intake and digestive disturbances also create nutritional gaps and imbalance of nutrients.

The Biospark V Aquate bridges the gap and provides a concrete solution. Its various functional components provide essential amino acids, ready made source of energy, minerals and enzymes for better feed digestibility.
Composition
- Bleach (Chlorinated) 6.0% v/v
- Citric Acid 8.0% w/v
- Inert ingredients Q.S.

Features:
- The only disinfectant that is also a descaler.
- Removes scale, mineral deposit, gunk and slime from water lines.
- Phosphate free, citrated, biodegratable.
- Non staining and safe.
- Non-corrosive (no oxidizing acids &/or chlorine).
- Excellent general purpose cleaner for farms and hatcheries equipment.
- Economical dilution – 2.5 to 5% for disinfection & descaling of water lines.
- As a general purpose disinfectant.
- Exposed biofilms to disinfection action by removing hard water scaling minerals and alkaline detergent residues.

Use Rate
Disinfection & descaling: 25 to 50 ml/ltr of water.
Or as recommended by the Aqua consultant.

Presentation
4 l.
**BIO-FOAM**

- BIO-FOAM will produce a high volume of thick and rich foam that will adhere to virtually any surface.
- New chemistries that allow cleaners to work in both soft and hard water have been employed.
- Bio-Foam is a free-Rinsing formulation.
- Bio-Foam assures the most effective cleaning of processing equipment.
- Neutral Cleaner.
- Biodegradable in nature.
- Safe for use on aluminum, metal, stainless steel, polycarbonate plastics.
- Excellent for use in a wide range of foam equipment, may also be used in pressure spraying equipment.
- Our specialized foam equipment along with BIO-FOAM produces a very efficient and effective cleaning application.

**Advantages of using BIO-FOAM**

- Neutral cleaner and Biodegradable
- High Foaming with Good Resiliency
- Visual marker for operator
- Increases dwell time
- Excellent protein and fat removal.
- Suspends soil in solution for easy wash down
- Effective in hard or soft water
- Reduces water and chemical usage

**Composition**

Unique proprietary pre mixture of potentiated organic acids.

**Clima-FACTS**

**Advantages**

- Acidification of GI tract
- Ureolytic conditions for pathogenic bacteria
- Establishment of optimal microecological environment within the gut & facilitating nutrient absorption
- Supports protein & mineral digestion
- Increase growth & performance

**Use Rate**

Shrimp farms: 10-15 ml per kg of feed
Fish farms: 2-2.5 litres per ton of feed
or as recommended by Aqua consultant

**Presentation**

5 L
Why Foam?
- Simply because foam works!
- Foam is created by mixing water, foaming agent and air together and applying it via a hose or a special nozzle or lance onto the surfaces and equipment.
- Foam cleaning refers to the cleaning process where the main cleaner is applied as foam.
- Foam application is followed by a water rinse; this can be of low, medium or high pressure.
- Foam produces better results in countless cleaning applications compared to traditional liquid chemicals.
- This maximizes the effectiveness of the chemical while also reducing both water and chemical usage.
- Foam will increase dwell time and maximize the effectiveness of the chemical, thus accelerating the cleaning process tremendously leading to reduced downtime.
- In a cost conscious application, using foam reduces waste because it prevents evaporation of chemicals and water.

Area of Application
- Hatchery cleaning operations.
- Processing unit cleaning operations.
- Poultry shed cleaning.
- Machinery & equipments cleaning.

Economical use dilution: 1: 3
Rate of dilution can be altered depending on
- Area of application
- Level of dirt to be removed

Composition
Each 100 ml contains
- Benzalkonium Chloride solution I.P. 5.0 ml
- Strong Glutaraldehyde solution B.P. 7.5 ml
- Formaldehyde solution I.P. 7.5 ml
- Inert Ingredients I.P. Q.S.

- Proven effective against bacteria including bacterial spore, viruses & fungi
- Synergistic action
- pH balanced to maintain efficacy of ingredients
- An excellent and soft water stabilant
- High residual activity

Use Rate
- Disinfection of metal & plastic equipments: 20 ml / litre of water
- Disinfection of Hatchery shed / floor: 25 ml / litre
- Disinfection of vehicles: 20 ml / litre
- For foot dips: 20 ml / litre of water or as recommended by the Aqua consultant

Presentation
4 L
Composition

Upliv™ Aqua is unique proprietary blend of herbal constituents to protect live/ hepatitis-pause and counteracts all effects of mycotoxins, chemicals and drugs and improves animal performance.

Properties:
- Upliv™ Aqua prevents systematic absorption and helps for excretion by binding of Mycotoxins with Amphiphilic Bases
- Upliv™ Aqua counteracts damaging effect of Mycotoxins, chemical and drugs and helps for faster recovery

Performance:
- Upliv™ Aqua improves digestion, absorption & metabolism of nutrients
- Upliv™ Aqua improves growth and FCR
- Upliv™ Aqua improves uniform growth
- Upliv™ Aqua improves resistance and viability

Usage:
- For effective liver/hepato-pancreatic function and metabolism
- For better feed intake, digestion and assimilation
- For improving resistance and viability
- To counteract damaging effect of Mycotoxins/chemicals/drugs
- For better growth, FCR, production, and disease resistance

Feeding Direction:
- Rate: 20-25 ml per kg of pellet feed
- Shrimps/Prawns: 20-25 ml per kg of pellet feed or as recommended by the Aqua consultant

Presentation:
5 L

Composition

Potassium Monosulphate compound 56 %
Potassium Sulphate
Potassium Hydrogensulphate
Sodium Sulphate
Surfactant, Organic acid & Stabilizer...0.5 to 100%w/w
Colour: Tartrazine RCF Spa

- Effective against most of the virus families affecting aquaculture
- Effective against bacteria and fungi.
- Highly versatile
- Non toxic and non irritant.

Monopearl is interacting intelligently to produce an unimplied disinfection barrier - multiplying action that eliminates microorganisms including virus, bacteria, fungi, protozoon, spores and biofilms.

Use Rate

For Prawn/Shrimp pond: 500g to 3 kg/hec
tor
For fish pond: 1 kg to 5 kg/hec
tor
or as recommended by the Aqua consultant

Make the stock solution of required quantity and take the portion in a
clean container and then spray uniformly throughout the pond.
For fogging of empty shiels use 4-5 % solution in UV fogger

Presentation

500 g & 5 kg