

# SKS BIO PRODUCTS PVT LTD

A Specialized manufacturing entity dedicated to producing high-quality inputs for Aquaculture industry

Fish Culture

Shrimp Culture



Probiotics

Feed Supplements



Trusted Brand Since 2006  
20+ years of proven Aqua culture Excellence



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Since 2006 **PVT LTD.**



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[www.sksbio.in](http://www.sksbio.in)

# BACTO GUARD

The Ultimate 4-in-1 Pond Sanitizer for Aquaculture

## Core Benefits & Advantages

- **Reduces Bacterial Load & Sanitizes Water**  
Essential for preventing diseases in fish and shrimp ponds by maintaining a clean aquatic environment.
- **Supports Healthy Growth & High Yields**  
Improves overall water quality, which directly encourages faster growth and increases the total harvest output.
- **Complete Pond Protection**  
Offers a comprehensive shield for the pond ecosystem, addressing threats from the surface down to the pond bottom.



## Easy Application Guide



### Mixing Ratio

Mix 1 liter of Bacto Guard into 10 liters of water.



### Coverage Area

The mixed solution is designed to be spread/sprayed across 1 acre of pond surface.



### Simple Distribution

The diluted mixture can be easily broadcast across the water to ensure even sanitization.

Packing Availability :  
5Lt & 20 Lt



Manufactured by :

**SKS Bio Products Pvt. Ltd.,**

Corporate office : Level - 2, Shangrila Plaza,  
Road No.1, Banjara Hills, Hyderabad-34

Direct Support Helpline

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# BIO AQUARIUM

The Ultimate Solution to Toxic Ammonia

## THE PROBLEM: TOXIC AMMONIA



### A Fatal Threat to Fish

High ammonia accumulation is a primary cause of death in aquaculture.

### Signs of Severe Distress



Poisoning causes stunted growth, fin rot, and seizures before death.



$NH_3$

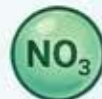
## THE SOLUTION: BIO AQUARIUM



### Powered by Natural Bacteria

Contains a high concentration ( $1 \times 10^9$  CFU/gm) of nitrifying bacteria.

### The Nitrification Process



Converts toxic ammonia ( $NH_3$ ) into useful, non-toxic nitrate ( $NO_3$ ).

### Boosts Health & Productivity

Enhances the natural immunity of fish and shrimp, improving growth.



### Key Sources of Ammonia



Caused by dead fish, leftover food, and animal waste.

Packing Availability :  
5 Kg Bucket / 5kg Pack

Application : 5kg per acre with 10kg AG lime



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# D-Nitrite

The Solution for Toxic Nitrite

## THE PROBLEM: TOXIC NITRITE

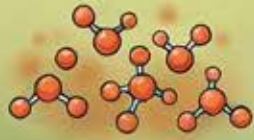


Excess Fish Waste & Chemicals

Stop Natural Breakdown

### A Broken Nitrogen Cycle Creates Toxic Buildup

Excess fish waste and chemicals stop nitrite from breaking down naturally.



Damaged Water Quality

Reduced Oxygen

Stunted Fish & Shrimp Growth

### High Nitrite Harms Your Stock

It damages water quality, reduces oxygen, and stunts fish and shrimp growth.

## THE SOLUTION: D-NITRITE

Restores Balance Through Denitrification



### Restores Balance Through Denitrification

D-NITRITE converts toxic nitrite directly into harmless nitrogen gas, cleaning the water.



### How to Use D-NITRITE (Per Acre)



#### 1. Prepare

Mix 5 kg of D-NITRITE with 10 kg of sea salt. Soak for 1-2 hours before use.



#### 2. Apply

Broadcast the mixture uniformly across one acre. Best application time is in the evening, after 5 PM.



#### 3. Precaution

Do not use with any other chemicals. Store the product in a cool, dry place.

Packing Availability :  
5 Kg Pack / 5 Kg Bucket



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# ECO FRESH PRO

## A Perfect Water & Soil Probiotic

### How It Works: Dual-Action Formula

#### For Your Water



#### Degrades Organic Waste

Breaks down uneaten feed and animal feces to clean the water column.



#### Reduces Toxic Gases

Neutralizes harmful ammonia (NH<sub>3</sub>), nitrite (NO<sub>2</sub>), and hydrogen sulphide (H<sub>2</sub>S).



#### Improves Oxygen & pH Levels

Helps increase dissolved oxygen and maintains stable pH and alkalinity.



#### Controls Harmful Bacteria

Suppresses the growth of pathogenic bacteria and Vibrio, enhancing fish and shrimp health.



#### A Beneficial Microbial Formulation

Designed to improve pond water quality and soil health in aquaculture systems.



#### For Your Soil



#### Decomposes Bottom Sludge

Improves the quality of the pond bottom by breaking down accumulated organic matter.



#### Eliminates Black Soil & Foul Odors

Addresses common pond bottom issues, creating a cleaner environment for the next cycle.



#### Unlocks Trapped Nutrients

Releases essential nutrients and improves mineral availability in the soil.

### The Powerhouse Microbes Inside



#### 10 Billion Microbes Per Gram

A highly concentrated formula for maximum effectiveness.

#### Key Beneficial Bacteria

Contains Bacillus subtilis, Bacillus licheniformis, Bacillus megaterium, Lactobacillus, Nitrosomonas & Nitrobacter, and Photosynthetic bacteria.

### Benefits for Your Farm



#### Clean & Stable Pond Environment

Reduces waste and toxic gases for healthier water and soil.



#### Lower Disease Outbreaks

Controls harmful bacteria, leading to healthier stock.



#### Reduced Chemical Usage

An eco-friendly and residue-free alternative to harsh chemicals.



#### Better Feed Conversion Ratio (FCR)

Healthier animals utilize feed more efficiently.



#### Improved Growth & Uniform Size

A better environment promotes consistent growth.



#### Higher Survival Rate

Less stress and disease lead to lower mortality.



### Easy Application Guide

#### Water Application



**Dose:** 1 KG per acre  
Measure the required amount based on your pond size.



**Method:** Mix & Broadcast  
Mix with pond water and broadcast evenly across the surface. Fermentation is optional.



**Frequency:** Every 7-10 Days  
Apply regularly to maintain a stable microbial balance.

#### Soil Application (Pond Preparation)



**Dose:** 500 grams per acre  
Use a larger dose for direct application to the pond bottom.



**Method:** Mix with Sand/Soil  
Combine with sand or soil and broadcast evenly over the pond bottom.



**Best Time:** During Preparation  
Apply before filling the pond with water or during sludge removal.

Packing Availability :  
1 Kg Packet



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# GREENIL

Shield Against Vibrio in Aqua Culture



## THE PROBIOTIC SHIELD: HOW GREENIL PROTECTS YOUR STOCK

A specialized probiotic for healthier shrimp and fish by controlling harmful Vibrio species.



Powered by 4 Potent Bacillus Strains



### The Threat: Harmful Vibrio Bacteria

A major cause of disease and high mortality in shrimp and fish.



### Powered by 4 Potent Bacillus Strains

Contains 10 billion bacteria per gram to effectively combat Vibrio.



### Outcompetes & Controls Bad Bacteria

Competes for nutrients and produces compounds that inhibit Vibrio growth.

Packing Availability :  
1 Kg Packet

## APPLICATION GUIDE & KEY FACTS



### Easy to Use in Water or Feed

Follow these simple dosage instructions for best results.



**Feed Application**  
10 grams per 1 kg of feed

Application Method	Recommended Dosage
Water Application	1 kg per acre of pond
Feed Application	10 grams per 1 kg of feed



**Important:**  
Do not use with other chemicals

Store in a cool, dry place. Not for human consumption.



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# BIO REFRESH - PS

Solution For Healthy Pond

## Key Benefits for Pond Health



### Eliminates Toxic Gases

Rapidly reduces harmful gases like Hydrogen Sulfide ( $H_2S$ ) from the water.



### Boosts Shrimp & Fish Growth

Creates a safe, healthy atmosphere that supports faster and safer aquatic development.



### Optimizes Water Quality

Controls pH levels and reduces water hardness to create an ideal environment.

### Specialized Bacterial Strains

Formulated for superior pond cleaning.

#### Active Ingredients & Concentration

Rhodococcus	$10^8$ CFU/ml
Thiobacillus	$10^8$ CFU/ml



## Potency & Application Guidelines

### High Potency Formula



Massive concentration of beneficial bacteria.

### Simple Dosage Requirement



2.5/3 Lt.  
per acre

Apply every 15 days for maximum efficacy.

Packing Availability :  
5 Lt. & 20 Lt.



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# BIO SUPER

Natural Bottom Purifier for Healthy Pond

## KEY BENEFITS

### DEGRADES A WIDE RANGE OF WASTE

Breaks down organic materials like plant and animal matter.



### ELIMINATES HARMFUL WASTE GASES

Purifies the pond bottom for a cleaner environment.

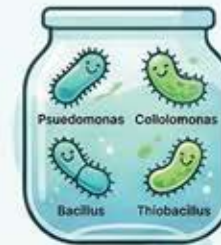


### ENHANCES WATER QUALITY

Improves water color and promotes healthy plankton growth.



## APPLICATION & HANDLING



### CONTAINS A POWERFUL MIX OF MICROORGANISMS

Includes Pseudomonas, Cellulomonas, Bacillus, and Thiobacillus species.

5 kg

### DOSAGE: 5 KG PER ACRE

Or apply as directed by your aqua consultant.

1 acre



### IMPORTANT PRECAUTIONS

Do not mix with other chemicals; store in a cool, dry place.

Packing Availability : 5 Kg Packet



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# BIO YEAST

## Enhancing Growth & Resilience

### A Specialized Single-Cell Protein Additive for Modern Aquaculture

#### WHAT IS BIO YEAST?



##### A Specialized Single-Cell Protein Additive

Designed for modern aquaculture to enhance productivity, optimize animal health, and improve growth efficiency.



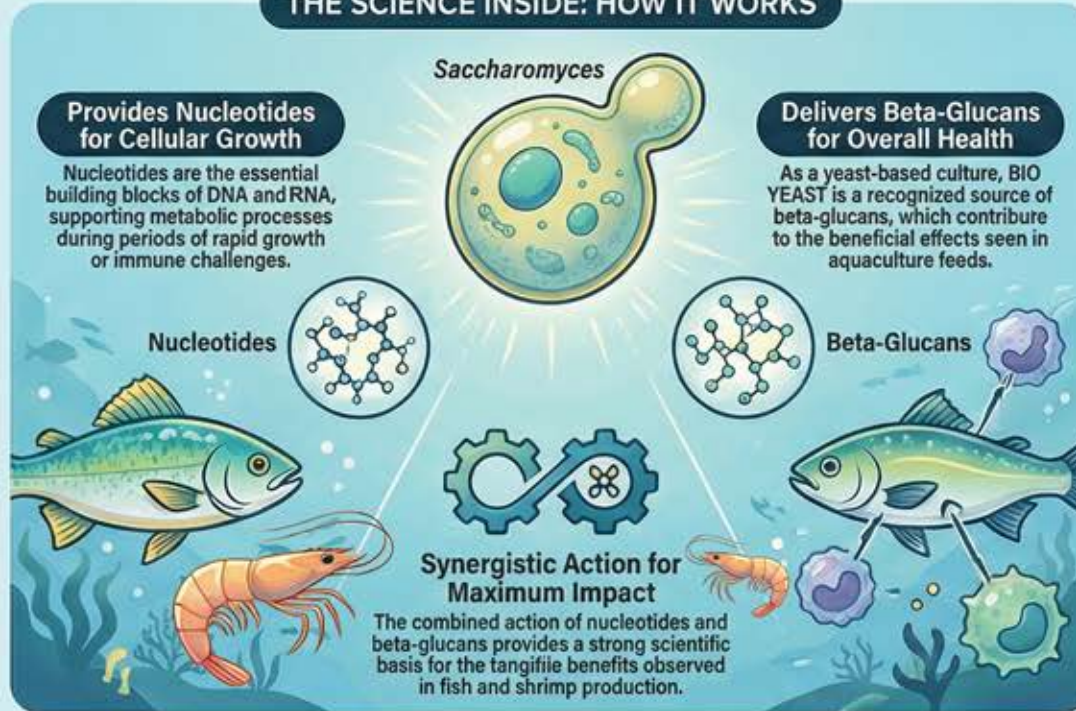
##### A Potent Source of Functional Ingredients

Delivers a high concentration of beneficial nucleotides and beta-glucans from carefully selected yeast cultures.

#### PRODUCT PROFILE

Specification	Details
Product Type	Single cell protein
Source Organism	Saccharomyces sps.
Concentration	10 <sup>10</sup> Colony Forming Units (CFU)/gram

#### THE SCIENCE INSIDE: HOW IT WORKS



#### KEY BENEFITS FOR YOUR FARM



##### Potential Growth Promotion

By supplying readily available nucleotides, it helps meet the high metabolic demands of tissue development, contributing to more efficient growth.



##### Enhanced Disease Resistance

Supports fundamental cellular processes, which may improve resilience and the capacity to resist disease, thereby reducing mortalities.

#### APPLICATION & HANDLING GUIDE



##### Recommended Dosage

Incorporate at a rate of 5 kg per 1 metric ton of feed.



##### Recommended Duration

Administer for a period of up to 6 days, or as directed by an aquaculture consultant.



##### Proper Storage is Crucial

Keep in cool and dry places to maintain the viability of the active microorganisms and preserve product efficacy.

Packing Availability :  
1Kg Packet



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# MIN ORGANIC

The Optimal Scientific Solution for Shrimp Health

## WHAT IS MIN ORGANIC?



**A Scientifically Formulated Mineral Supplement for Prawns**  
Designed to counteract the negative physiological effects of mineral deficiency and imbalance in prawn culture systems.



**Prevents & Resolves Major Production Challenges**  
Effectively addresses soft shell syndrome, stunted growth, white muscle disease, and Moulting Death Syndrome (MDS).



**Provides Highly Bioavailable Minerals**  
Ensures prawns can easily absorb and utilize essential macro and trace minerals for optimal health and performance.

## SOLVING CRITICAL FARM PROBLEMS

A Targeted Tool for Common Production Issues



Soft Shell

Moulting Death Syndrome

White Muscle Disease

Stress After Rain



Packing Availability : 10Kg Bucket

## THE BALANCED FORMULATION



Guaranteed Composition per 10 kg Unit	
Ingredient	Quantity
Magnesium Chloride (MgCl <sub>2</sub> )	4.0 kg
Potassium Chloride (KCl)	2.5 kg
Calcium Chloride (CaCl <sub>2</sub> )	1.8 kg
Sodium Chloride (NaCl - non-iodized)	1.2 kg
Sodium Bicarbonate (NaHCO <sub>3</sub> )	0.4 kg
Trace Mineral Premix	0.1 kg

## WHY THESE MINERALS MATTER FOR PRAWNS

### Macro-Minerals: The Structural & Regulatory Backbone

These minerals govern everything from shell integrity to muscle function and osmotic balance.



**Calcium (Ca):** Eoskeleton formation, moulting, muscle contraction

**Magnesium (Mg):** Enzyme activation, nerve function, moulting support

**Potassium (K):** Muscle function, maintenance of osmotic balance

### Trace Minerals: Essential Catalysts for Health

Though needed in small amounts, these are critical for enzymatic, immune, and metabolic functions.



**Zinc (Zn):** Enzyme function, critical for a robust immune response

**Copper (Cu):** A core component of hemocyanin (oxygen carrier)

**Selenium (Se):** Acts as an antioxidant, supports immune function

**Iodine (I):** Required for the synthesis of moulting hormones

## CRITICAL SUPPORT DURING THE MOULTING CYCLE



**Pre-Moult:**  
Facilitates storage of essential minerals before shedding the old exoskeleton.



**During Moulit:**  
Supports the physiological processes required for successful shell shedding.



**Post-Moult & Hardening:**  
Enables rapid absorption of Calcium for shell hardening within 4-8 hours, minimizing vulnerability.

## HOW TO USE MIN ORGANIC: APPLICATION GUIDE

### Standard Pond Management For regular use

Dose: 10 kg per acre (Based on one meter of water depth)

Method: Dissolve & Broadcast (Dissolve the required quantity in pond water and broadcast evenly across the entire surface)

Frequency: Every 7-10 Days (Apply regularly, with extra doses after heavy rain or when moulting stress is observed.)

### Emergency Application Protocol

Emergency Dose: 5 kg per acre (apply immediately when symptoms appear.)

Follow-Up if Needed (If the condition has not improved after 48 hours, repeat the application.)

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# MIN ORGANIC

The Optimal Scientific Solution for FISH Health

## MIN ORGANIC: The Science of Mineral Balance in Aquaculture

MIN ORGANIC is a scientifically formulated mineral supplement designed to counteract physiological imbalances in intensive aquaculture. By combining macro minerals, buffering agents, and trace elements, it addresses critical factors such as skeletal development, osmotic balance, and metabolic efficiency.

### PRECISION FORMULATION & COMPOSITION



#### ESSENTIAL MACRO MINERAL FOUNDATION

Combines Magnesium, Potassium, Calcium, and Sodium salts for vital physiological functions.



#### BIOAVAILABLE TRACE MINERAL PREMIX

Provides essential cofactors that drive energy production and bolster immune responses.

Packing Availability :  
5Kg & 10Kg Packet



#### ADVANCED pH BUFFERING

Includes Sodium Bicarbonate to stabilize alkalinity and mitigate harmful pH fluctuations.



High-Concentration  
Ingredients  
(per 10 kg)

10 kg  
Mineral Bag

- Calcium
- Potassium
- Magnesium
- Trace Minerals

### CORE PERFORMANCE BENEFITS



#### IMPROVED FEED CONVERSION RATIO (FCR)

Optimizes enzymatic pathways to convert feed into biomass more efficiently.



#### COMBAT STUNTED GROWTH

Ensures bioavailable calcium for fish skeletal integrity and prawn exoskeleton formation.



#### SIMPLE DAILY APPLICATION

Mix 10 kg of supplement per 1 TON of fish feed daily.



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# LACTO - B

## The Probiotic Advantage in Aqua Culture

A multi-strain *Lactobacillus* supplement for enhanced gut health, pathogen control, and improved production outcomes in shrimp and fish farming.

### CORE BENEFITS & MECHANISMS



**Enhances Gut Health & Digestion**  
Produces key enzymes to improve feed conversion, growth rates, and size uniformity.



**Controls Harmful Pathogens**  
Outcompetes bacteria like *Vibrio* by reducing gut pH and producing antimicrobial compounds.




**Boosts Natural Immunity**  
Stimulates the host's immune system, leading to measurably higher survival rates.



**Improves Water Quality**  
Better digestion reduces waste, leading to less ammonia and a more stable environment. acts as a turbidity reducer

### Recommended Dosages

Application Method	Target	Dosage & Instructions
Water Application	Pond Water	Apply 1 kg per 1-acre pond. 
Feed Application	Fish	Mix 2 kg per ton of feed daily. 
	Prawn	Mix 10 grams per kg of feed daily. 

Packing Availability :  
1 Kg Packet



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# STRESS FREE LIV-62

The Natural Hepatopancreas Health Optimizer in Aqua Culture

## POTENT HERBAL FORMULATION



**Core Active Ingredients:** A synergistic blend of carefully selected herbal extracts

## HOW IT WORKS: THE SCIENCE OF LIVER SUPPORT



**Protects the Liver from Toxins:** Functions as a potent liver stimulant, specifically designed to shield this vital organ from the damaging effects of toxins and stress.



**Promotes Liver Cell Regeneration:** The herbal blend actively supports the regeneration of hepatocytes (liver cells), a critical process for organ recovery and optimal function.

## APPLICATION & PRODUCT CARE



**Dosage for Shrimp:** Mix 20 ml in 1 kg of feed daily, or as advised by a specialist.



**Dosage for Fish:** Mix 2-5 LITERS in 1 TON of feed for up to 5 days, or as advised by a specialist.



**Storage Instructions:** To maintain product integrity, store in a cool, dry place.  
**24-Month Shelf Life:** The product is effective for 24 months from the date of manufacturing.

**Packing Availability :**  
10 Kg / 5Kg Tin

## KEY BENEFITS FOR YOUR FARM



**Improved Feed Metabolism:** Optimizes liver function to enhance digestion and nutrient absorption, leading to better feed conversion ratios.



**Enhanced Growth & Immunity:** Efficient nutrient utilization supports robust growth rates and contributes to a stronger, more resilient immune system.



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# BIO ENZYMES

To Unlock the Growth in Shrimp

## THE CHALLENGE & THE SOLUTION

### The Problem: Inefficient Digestion

Shrimp naturally lack key enzymes, leading to wasted feed and poor growth.



### The Solution: BIO ENZYMES Supplement

A scientifically formulated concentrate that can improve feed digestion by 15-20%.

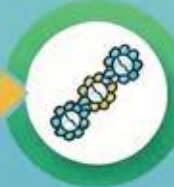


KEY COMPONENT

#### Amylase & Lipase

PRIMARY FUNCTION

Break down carbs & fats for maximum energy.



#### Protease

Digests protein for better muscle development.



#### Cellulase & Phytase

Unlocks nutrients in plant-based feeds and improves mineral absorption.



#### Beneficial Bacteria

Supports a healthy and stable gut environment.

### SIMPLE APPLICATION PROTOCOL



#### DOSAGE

10 grams / kg of feed  
Mix the powder with a binder before application.



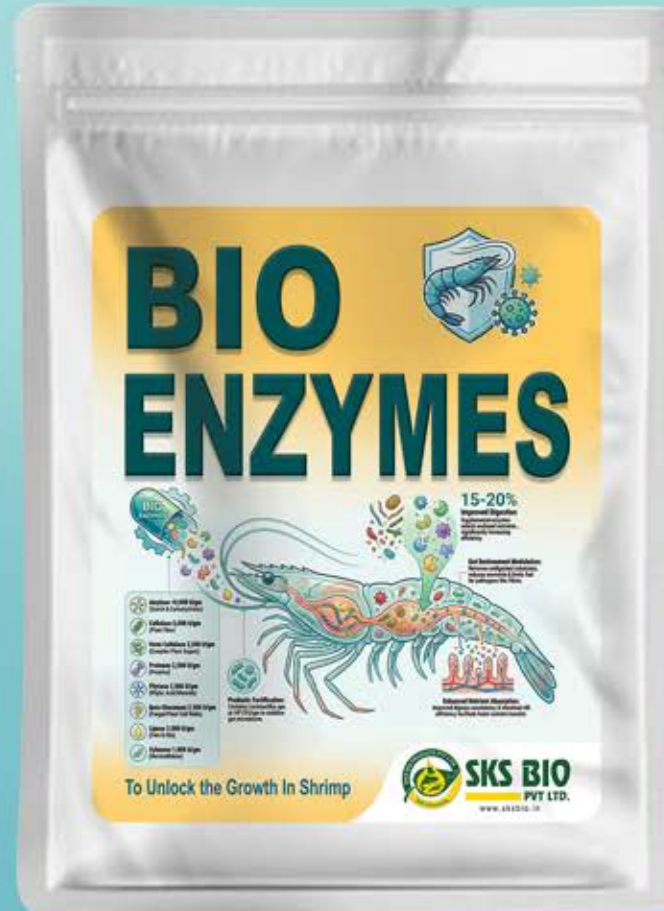
#### METHOD

Feed Coating  
Evenly apply the mixture to the surface of the shrimp feed.



#### FREQUENCY

Daily or on alternate days  
Consistent use throughout the culture cycle ensures the best results.



#### FASTER, MORE UNIFORM GROWTH

Improved absorption of amino acids, minerals, and fatty acids fuels development.



#### BETTER FEED CONVERSION RATIO (FCR)

Get more growth from every kilogram of feed, boosting farm profitability.



#### ENHANCED HEALTH & DISEASE RESISTANCE

A healthy gut reduces stress and helps prevent ailments like White Gut Syndrome.

Packing Availability :  
500g. Packet

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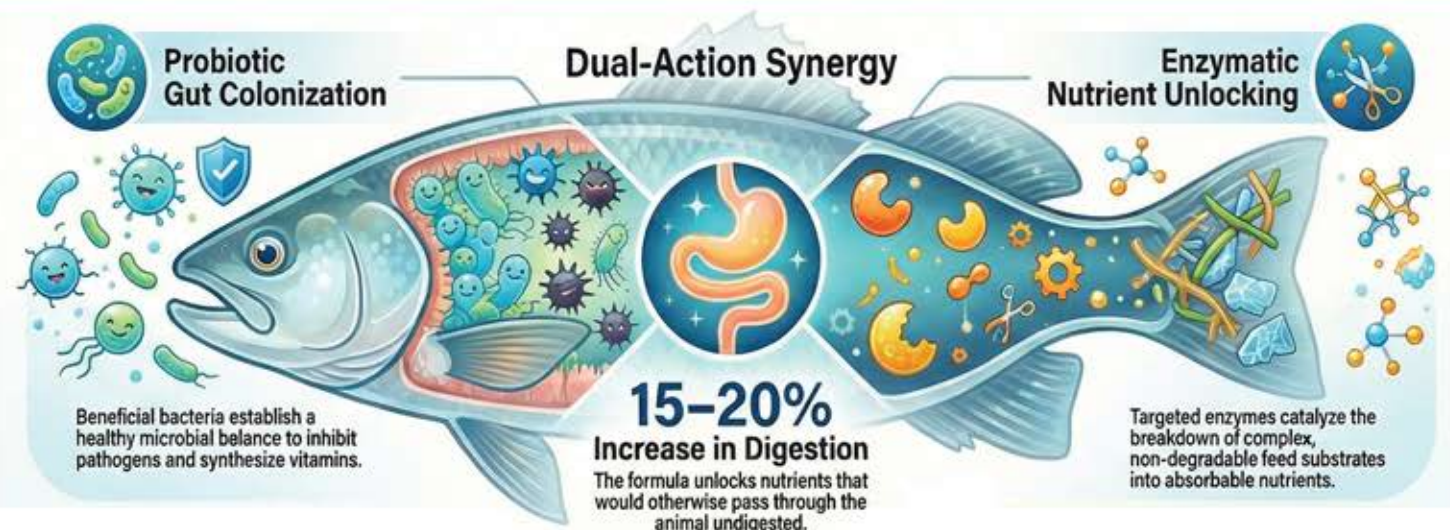
# BIO ENZYMES

The Dual - Action Powerhouse for Advanced Aqua Culture

**15-30% Improved Feed Utilization**



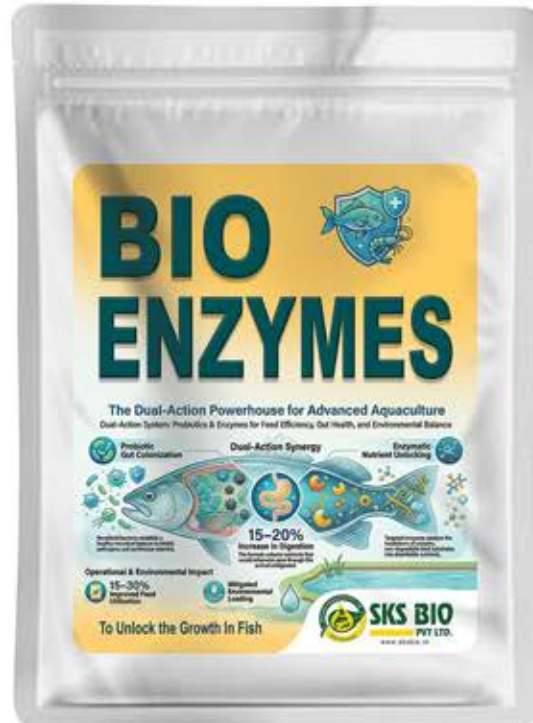
Enhanced digestion directly improves Feed Conversion Ratio (FCR) and operational profitability.



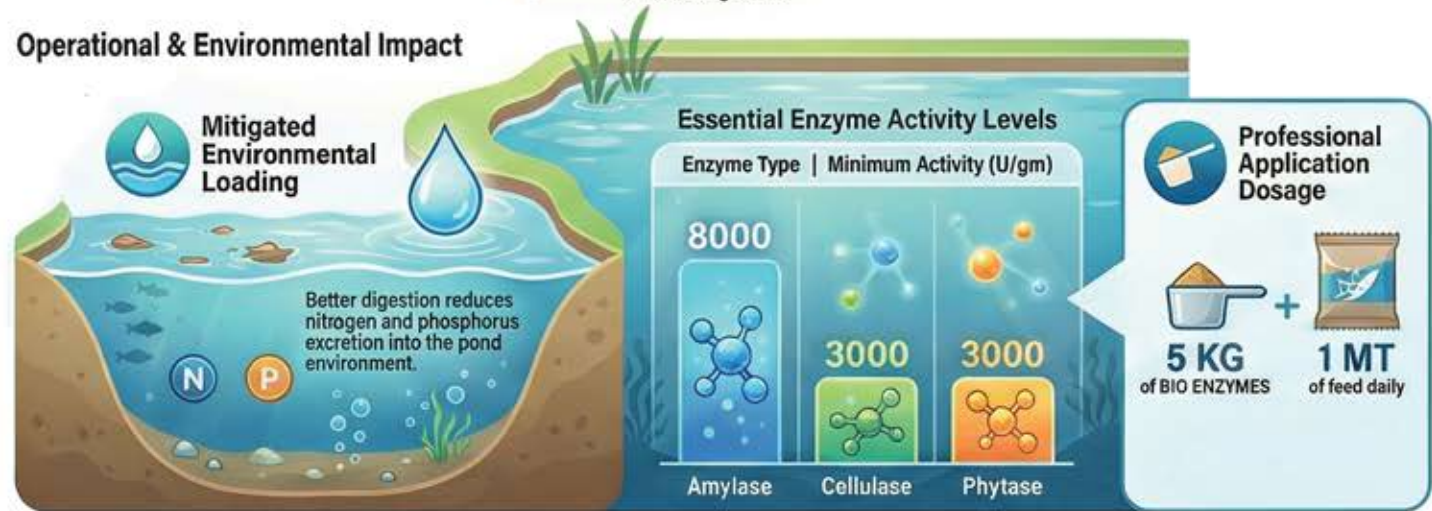
**Probiotic Gut Colonization**  
Beneficial bacteria establish a healthy microbial balance to inhibit pathogens and synthesize vitamins.

**Dual-Action Synergy**  
**15-20% Increase in Digestion**  
The formula unlocks nutrients that would otherwise pass through the animal undigested.

**Enzymatic Nutrient Unlocking**  
Targeted enzymes catalyze the breakdown of complex, non-degradable feed substrates into absorbable nutrients.



## Operational & Environmental Impact



**Mitigated Environmental Loading**  
Better digestion reduces nitrogen and phosphorus excretion into the pond environment.

**Essential Enzyme Activity Levels**

Enzyme Type	Minimum Activity (U/gm)
Amylase	8000
Cellulase	3000
Phytase	3000

**Professional Application Dosage**  
5 KG of BIO ENZYMES + 1 MT of feed daily

**Packing Availability :**  
5Kg. Packet



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# BIO VIT-C

## Maximizing Shrimp Survival and Growth

### What is BIO VIT-C?



#### A Specialized Growth & Immune Booster

Formulated to supply shrimp with Vitamin C, an essential micronutrient they cannot synthesize themselves.



#### Multi-Component Formula



Vitamin C



Lactobacillus (Probiotics)



Proprietary Blend

Contains Ascorbic acid, Lactobacillus (Probiotics), and a proprietary blend of supporting micronutrients for multi-faceted action.

### Understanding Vitamin C Stability in Feed

#### Form Matters for Efficacy

The chemical form of Vitamin C dictates its stability during feed processing and in water, affecting how much is available to the shrimp.

Form	Stability	Recommendation
Ascorbic acid	Low	✗ Not preferred
Ascorbyl monophosphate	High	✓ Good
Ascorbyl polyphosphate	Very High	★ Best for shrimp feed
Microencapsulated Vitamin C	Very High	★★★ Best (heat & water stable)

### The Power of Synergy: Vitamin C + Probiotics



#### A Mutually Beneficial Relationship

Vitamin C creates a favorable gut environment that improves the efficiency and colonization of the probiotic (Lactobacillus) components.



#### Creates a Resilient Gut Microbiome

This synergy balances gut pH and reduces oxidative stress, leading to improved feed conversion ratios (FCR) and fewer gut pathogens.



### Core Benefits & Mechanisms of Action



#### Promotes Growth & Survival

Essential for collagen synthesis (tissue integrity), strong exoskeleton development, and supporting the critical moulting cycle to reduce mortality.



#### Enhances Immune Response

Boosts cellular immunity (hemocyte activity, phagocytosis) and increases resistance against pathogens like Vibrio spp. and agents causing White Gut Syndrome.



#### Mitigates Physiological Stress

Acts as a powerful antioxidant, protecting shrimp from environmental stressors (salinity, ammonia, temperature shock) and operational stressors (handling, transport, chemical treatments).

### Key Clinical Applications



#### Manages White Gut / White Feces Syndrome

Improves gut lining integrity, reduces inflammation, and enhances nutrient absorption for recovery.



#### Stimulates Hepatopancreatic Activity

Supports the primary organ responsible for digestion and nutrient metabolism in shrimp.



#### Increases Survival Rates

By reducing the cumulative impact of stress, it establishes a foundation for better health and survival.

### Administration and Dosage

#### Application Method: Top-Coating



To ensure proper consumption, the product must be mixed with the feed using a suitable binder.

#### Recommended Dose

	Normal Growth	5 g / kg feed
	Stress / Disease	10 g / kg feed
	After Chemical Treatment	15 g / kg feed

Packing Availability :  
500g. Packet

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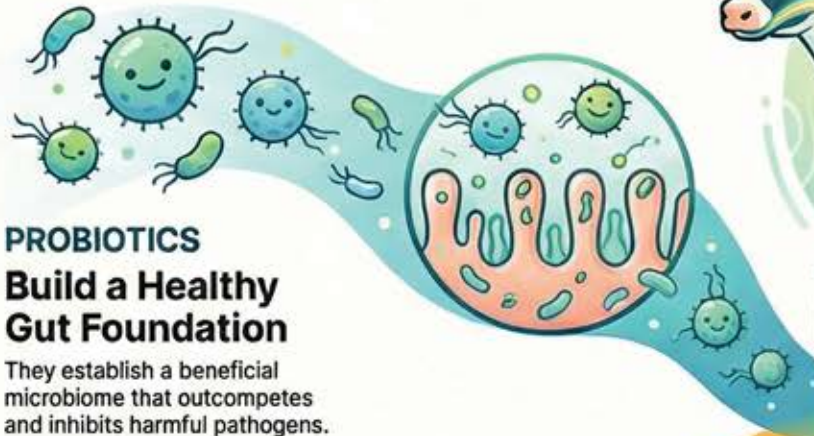
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# REVIVE

Specially Formulated for Livestock

## The Dual-Action Formula



### PROBIOTICS Build a Healthy Gut Foundation

They establish a beneficial microbiome that outcompetes and inhibits harmful pathogens.



### ENZYMES Unlock Hidden Nutrients in Feed

They boost feed ingredient digestion by 15-20%, breaking down complex components.

**Amylase:**  
10000 U/gm

**Cellulase:**  
5000 U/gm

**Protease:**  
2500 U/gm



## The Measurable Impact



### Increased Milk & Fat Content

A measurable increase is observed starting from the fourth day of use.



### Improved Feed Efficiency

Animals convert feed into energy and production much more effectively.



### Enhanced Overall Animal Health

A resilient gut environment promotes robust immunity and resistance to disease.



Packing Availability : 500g. Packet

## SYNERGY A Powerful Combination

Probiotics create a healthy gut ready to absorb the rich nutrients unlocked by Enzymes.



Manufactured by :

**SKS Bio Products Pvt. Ltd.,**

Corporate office : Level - 2, Shangrila Plaza,  
Road No.1, Banjara Hills, Hyderabad-34

Direct Support Helpline

+91 9441987123

info@sksbio.in

www.sksbio.in

# NANO - MIN

Essential Mineral & Vitamin Supplement for Shrimp



Key Benefits for Your Shrimp

### Stronger Shells & Muscles

Promotes robust shell formation, supports proper moulting, and helps reduce soft shell and white muscle syndrome.

### Boosts Growth & Performance

Proven to improve the overall growth rate and enhance the feed conversion ratio (FCR) for better yields.

### Enhances Immunity & Stress Resistance

Strengthens the shrimp's natural immune system to better resist environmental stressors and diseases.

### Improves Pigmentation

Contains minerals that support the development of better, more vibrant natural coloration.

Packing Availability : 20Lt, 5 Lt. & 1Lt Tins

## How to Use NANO MIN



### Pond Application

Mix 1 Litre of NANO MIN with 20 litres of water per acre. Broadcast the diluted solution evenly across the pond every 8 days.



### Feed Application

Add 10 ML of NANO MIN per 1 kg of feed. Apply this mixture to two meals on alternating days.

## What is NANO MIN?

A Comprehensive Mineral & Vitamin Supplement designed for internal use in shrimp aquaculture to supply critical nutrients for health and growth.

Manufactured by SKS Bio Products Pvt. Ltd., ensuring product traceability and quality for professional aquaculture environments.

## What's Inside? (Composition per 1 Litre)

Mineral Component		Vitamin Component	
Ca	Calcium: 220,000 mg	Fe	Iron: 2,000 mg
P	Phosphorus: 120,000 mg	Cr	Chromium: 1,000 mg
Mg	Magnesium: 20,000 mg	I	Iodine: 260 mg
S	Sulphur: 18,000 mg	Co	Cobalt: 120 mg
Zn	Zinc: 15,000 mg	Se	Selenium: 40 mg
Cu	Copper: 2,500 mg	Mo	Molybdenum: 0.0125 ppm
		A	Vitamin A: 700,000 IU
		D3	Vitamin D3: 70,000 IU
		Ni	Niacinamide: 1,000 mg
		E	Vitamin E: 250 mg



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# BIO GEL

## Superior feed binding Gel Maximizing Input Efficiency in Shrimp

### The Challenge: Input Dilution



Probiotics  
Enzymes  
Nutrients

High-value additives like probiotics and enzymes are often washed away in aquatic systems before they can exert their intended effect.

#### Inefficiency and Wasted Resources

Rapid washout leads to significant product loss during routine operations like water exchange and aeration.

### The BIO GEL Solution: Mechanism of Action

#### A Specialized Delivery Matrix

BIO GEL is a semi-solid, water-based formulation that uses gelling agents to create a viscous carrier for active compounds.



Thermal Shock



Salinity Fluctuations



pH Changes

#### Environmental Buffering

The gel shields beneficial microbes from thermal shock, salinity fluctuations, and pH changes in the pond or during digestion.



#### Controlled Slow-Release

The matrix creates a stable reservoir that meters out active ingredients over an extended period, ensuring a longer working time.

### Strategic Applications & Impact

#### Superior Feed Binding

As a coating agent, BIO GEL prevents the leaching of water-soluble nutrients from feed pellets into the water column.



#### Gut Health & Disease Prevention

Targeted delivery of probiotics (Bacillus, Enterococcus) helps establish a healthy microbiome to defend White Gut Syndrome.

#### Pond Ecosystem Management

Slow release microbes continuously decompose organic waste on the pond bottom, maintaining superior soil and water quality.

### Operational Outcomes



#### Maximized Return on Investment

By reducing product wastage and improving input performance, BIO GEL makes aquaculture operations more cost-effective.



#### Predictable, Successful Harvests

Consistent delivery of actives leads to stabilized production environments and more resilient shrimp populations.



Packing Availability :  
20Lt Tin



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# ANTIBACT

For Solving White Gut Syndrome (WGS)

## The Problem: Understanding White Gut Syndrome (WGS)



A major digestive disorder characterized by a white gut.

It causes shrimp to stop eating, leading to poor growth and mortality.

WGS is caused by a combination of four key stressors.



### Microbial Imbalance

Overgrowth of harmful bacteria like *Vibrio* in the gut.



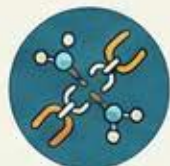
### Poor Feed & Environment

Low-quality feed and high organic matter in the pond.



### Parasitic Load

Infections from protozoans like Gregarines and EHP.



### Enzyme Deficiency

Insufficient digestive enzymes lead to undigested feed.



## The 7-Day Recovery Timeline

### Days 1-2: Initial Response

Appetite begins to return, floating fecal strings reduce, and the gut starts to show signs of filling.



### Days 3-4: Mid-Treatment Phase

Out color transitions toward light brown as probiotics successfully colonize and mucus production decreases.



### Days 5-7: Completion Phase

Guts return to a dark, full appearance, feeding becomes strong and consistent, and growth trends are re-established.



	Before Treatment	After Treatment
Feed Intake	Low	Normal
FCR	High (Poor)	Improved
Vibrio Count	High	Reduced
Size Variation	High	Reduced
Growth Rate	Slow	Steady

## The Solution: ANTI BACT PRO's Multi-Pronged Attack

### Probiotic Consortium



### Probiotic Consortium

Re-establishes a healthy gut microbiome and excludes pathogens.

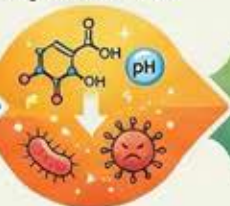
### Digestive Enzymes



### Digestive Enzymes

Provides immediate digestive support to break down feed.

### Organic Acid Blend



### Organic Acid Blend

Creates a hostile environment for pathogenic bacteria like *Vibrio*.

### Herbal Extracts



### Herbal Extracts

Offers antimicrobial, anti-inflammatory, and gut-healing properties.

Packing Availability :  
Antibact Pro - 1Kg. Packet  
Antibact Gel - 5 Lt. Can

## Application Protocol



**Dosage: 10 g/kg of Feed**  
Apply the formulation twice daily for a duration of 3 to 7 days.



**Use ANTI BACT GEL**  
Ensure the product is bound to the feed using the recommended gel for effective delivery to the shrimp.



**Storage & Precautions**  
Store in a cool, dry place and do not use in conjunction with other chemicals to maintain probiotic viability.



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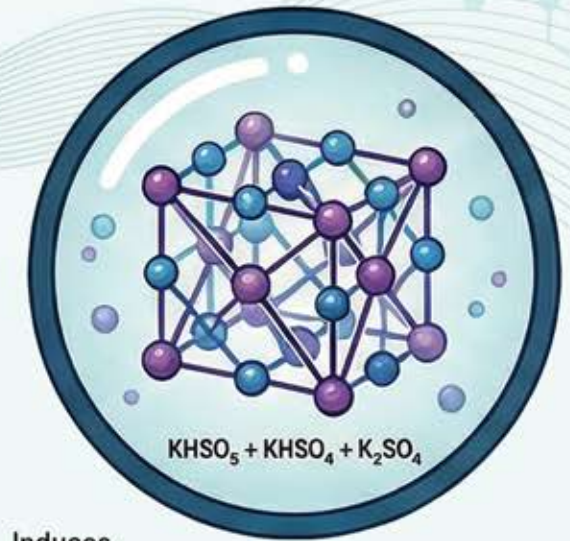
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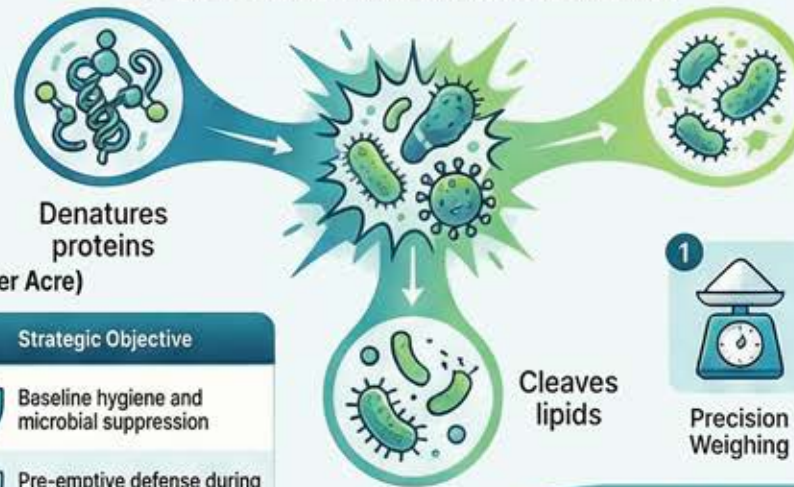
# MICRO KILL

## Advanced Biosecurity & Disinfection for Shrimp Pond

Stabilized triple salt oxidative solution for high-efficacy disinfection in complex pond ecosystems, ensuring environmental compatibility and animal safety.



### The Science of Pathogen Inactivation Triple Action Oxidative Mechanism



Packing Availability : 1Kg. Packet

#### Operational Scenario & Dosage Guide (per Acre)

Operational Scenario	Dosage (per Acre)	Strategic Objective
Routine Sanitation	500 g – 1 kg	Baseline hygiene and microbial suppression
Prophylactic (High Risk)	1 kg – 2 kg	Pre-emptive defense during environmental shifts
Outbreak / Heavy Load	2 kg – 3 kg	Rapid remedial reduction of acute pathogens

#### Strategic Dosage & Application



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High Protein & Lipids      Essential Fatty Acids (DHA & EPA)      Highly Digestible Bio-Structure

# ZOOPAC

“Nature’s first food for a balanced, bioavailable diet.”



## The Power of Natural Plankton

### Essential Nutritional Foundation

Zooplankton provides bioavailable proteins and lipids (OHA/EPA) critical for healthy larval development.

## Superior Survival and Growth

Live zooplankton feeding increases survival rates by mimicking the natural diet of shrimp.

## Natural Water Quality Control

Plankton helps prevent oxygen depletion by controlling excessive algal blooms in the pond.



## ZOOPAC Application Guide

Packing Availability : 10 Kg. Packet



### Overnight Activation

Soak ZOOPAC in a container for 6-8 hours or overnight before pond application.



### Early Morning Broadcasting

For best results, broadcast the mixture in the pond between 8:00 AM and 10:00 AM.



### No Extra Additives Needed

Do not add jaggery, yeast, or additional probiotics during the soaking process.

## Dosage Guidelines

Application Stage	Dosage Rate
Tank Preparation	1 bag (10 kg) per acre
Daily Maintenance	3 kg per acre

The cost-effective ecological feed for modern aquaculture



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## Fish Culture

Specialized products developed specifically for the unique needs of fish farming environments.

## Probiotics

Beneficial microbial additives manufactured to maintain water quality and gut health.

## Prawn Culture

Targeted biological solutions to support the health and growth of prawn populations.

## Feed Supplements

Nutritional enhancements designed to improve growth rates and overall feed efficiency.



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