



**PRODUCT INFORMATION GUIDE**



 **ETNOVA™**  
Redefining Animal Health & Nutrition  
**Animal Health Division**  
West Bengal Chemical Industries Ltd

## ABOUT US

**VETNOVA** the Animal Health & Feed Additive Division of West Bengal Chemical Industries Ltd which is a c GMP, ISO 9001-2008 and HACCP certified company. **VETNOVA** was launched in April 2018.

**VETNOVA** manufactures and markets API ( Active Pharmaceutical Ingredients ) and a wide range of products like acidifiers, toxin binders, electrolytes, disinfectants, mineral mixtures, mould inhibitors, antioxidant & immune modulators, emergency oxygen powder, liquid and powder nutrient supplements and many more that serve the poultry, dairy and aqua sectors.

**VETNOVA** has excellence in the manufacture of fine chemicals, nutraceuticals and APIs ( both inorganic and organic ) conforming to BP, USP and IP, and DC ( direct compressible).

**VETNOVA** is pioneer manufacturer of organic acid salts like formates, propionates and butyrates.

**VETNOVA** is also pioneer manufacturer of Chelated minerals of Zn, Cu, Mn, Fe, Co, Se, Ca, and Mg, specially bis-chelates of Zn, Cu, and Mn.

**VETNOVA** has many finished formulations such as GLYMINSTAR, HICLEAN, VETMIN, NUTRIBLEND, BIOSEL-SE, TOXISTOP, TOXISTOP PLUS, ORIMIX, ORISOL FORTE, ORILYTE, BUTYFIZZ, OXYRELEASE etc. to name a few.

**VETNOVA** is also into custom manufacturing of Feed Additives, Vitamin Premixes and contract manufacturing of Veterinary Products.

We can assure the quality of our products as most of the major basic ingredients used in the formulations are manufactured in our own plant and our strength lies with the trust bestowed by our customers on our company over the years.

**VETNOVA** with a well established customer base spanning the entire globe, from Australia to Italy, is now well placed to satisfy customer requirements from almost any part of the world.

Please visit our website [www.vetnova.co.in](http://www.vetnova.co.in)

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# Biosel - Se

*Water miscible Vitamin E & Selenium Supplement  
along with Vitamin C*

## COMPOSITION

*Nutritional Value per ml*

Vitamin E : 100 mg

Selenium : 500 ug

Vitamin C : 25 mg

## BENEFITS

- ✦ Synergistic action of biological antioxidants to alleviate stress.
- ✦ optimizes functioning of immune system.
- ✦ Improves natural resistance of birds.
- ✦ Improves egg production, growth, fertility & hatchability.



## USAGE & ADMINISTRATION

Chicks - 2.5 ml /100 birds

Layers & Growers - 5 ml / 100 birds

Broilers - 10 ml /100 birds

*or as directed by the Veterinarian.*

## PRESENTATION

1 Ltr.

# Orilyte

*Electrolytes combined with liquid acidifier  
and Vitamin C*

## COMPOSITION

Potassium Chloride, Sodium Chloride, Sodium Citrate, Ascorbic Acid, Acetic Acid, Benzoic Acid, Butyric Acid, Buffered Propionic Acid, Formic Acid, Lactic Acid & Malic Acid

## BENEFITS

- ✦ Prevents Heat Stress
- ✦ Prevents Heat Stroke
- ✦ Prevents Dehydration
- ✦ Maintains electrolyte balance
- ✦ Improves immune function.
- ✦ Reduces pathogenic bacterial load
- ✦ Improves feed efficiency
- ✦ Increases Body weight gain and egg production.

## USAGE & ADMINISTRATION

1 to 2ml per 10 Ltr. of water  
(depending upon the quality of water)  
or as directed by the Veterinarian

## PRESENTATION

1 Litre & 5 Litre Jar



# GLYMIN **STAR**

*Organic Glycine chelated Trace Mineral Mixture  
for Poultry, Dairy and Aqua*

## COMPOSITION

Zinc, Copper, Manganese, Selenium, Iron, Chromium, Cobalt, Iodine

## BENEFITS

### *Poultry*

- ✦ Activates different enzyme systems & helps in the metabolism of \*Carbohydrates, Fats and Proteins.
- ✦ Improves FCR and carcass quality
- ✦ Improves fertility, hatchability and egg production

### *Livestock*

- ✦ Essential for proper sexual maturity and reproductive capacity
- ✦ improves immunity

### *Aqua*

- ✦ Optimizes FCR and maximizes productivity
- ✦ Provides quality brood stock development
- ✦ Helps to develop immune response and defense mechanism

## USAGE & ADMINISTRATION

### *Poultry :*

Broiler : 500 g per ton of feed

Broiler Breeder : 800 g - 1 Kg per ton of feed

Layer : 500 g per ton of feed

Layer Breeder : 800 g - 1 Kg per ton of feed

Cattle and Buffalo : 500 g per ton of feed

Calf, Sheep, Goat and Pig: 5 g per Day

Aqua : 1 Kg per ton of feed

*Or as directed by the Veterinarian*

**PRESENTATION : 25 Kg.**



# TOXI STOP

*Mycotoxin adsorbent and  
potential antifungal*

## COMPOSITION

Formulated dipolar phyllosilicates, Propionic acid, Acetic acid, Benzoic acid and Sorbic acid

## BENEFITS

- ✦ Provides excellent adsorption of wide range of mycotoxins like Aflatoxin, Ochratoxin, T-2 toxin.
- ✦ Reduces the chances of toxins transfer from breeder to chicks.
- ✦ Improves titer level of vaccines.
- ✦ Protect feed from mold infestation to limit mycotoxin level:
- ✦ Improves bag life of feed

## USAGE & ADMINISTRATION

1 to 2 Kg per ton of feed.

(The dosing depends on quantum of toxin in feed,  
kind of bird, age, and moisture content of Ingredients)

*Or as directed by the Veterinarian*

**PRESENTATION** : 25 Kg.



# TOXISTOP PLUS

*Broad spectrum mycotoxin adsorbent and  
potential antifungal with MOS*

## COMPOSITION

Formulated dipolar phyllosilicates, Propionic acid, Acetic acid, benzoic acid, Sorbic acid & MOS (Mannan Oligosaccharide)

## BENEFITS

- ✦ Provides excellent adsorption of wide range of mycotoxins like Aflatoxin, Ochratoxin, T-2 toxin and others.
- ✦ Reduces the chances of toxins transfer from breeder to chicks.
- ✦ Protect feed from mold infestation to limit mycotoxin level.
- ✦ Improves bag life of feed

## USAGE & ADMINISTRATION

1 to 2 Kg per ton of feed.

(The dosing depends on quantum of toxin in feed,  
kind of bird, age, and moisture content of ingredients)

*Or as directed by the Veterinarian*

**PRESENTATION** : 25 Kg.





# VETMIN

*Blend of vitamins and minerals*

## COMPOSITION

Vitamin A, Vitamin D3, Vitamin E, Vitamin B2, Vitamin B6, Vitamin B12, Vitamin B5, Niacin, Choline chloride, Vitamin K3, Calcium, Phosphorus, Manganese, Iodine, Iron, Copper, Cobalt, Selenium, Zinc

## BENEFITS

### Cattle

- ✦ To overcome vitamin and mineral deficiencies
- ✦ Improves fertility in female & semen quality in male breeders.
- ✦ Improves fat percentage as well as SNF content in milk.
- ✦ Enhances milk production.

### Poultry

- ✦ To overcome vitamin and mineral deficiencies.
- ✦ Improves egg production, egg quality & egg shell quality.
- ✦ Improves FCR & body weight

### Aqua

- ✦ Enriches pond water by developing plankton.
- ✦ Optimizes FCR and maximise productivity.
- ✦ Provides quality brood stock development.

## USAGE & ADMINISTRATION

Cattle, Buffalo & Horse: 1-2 Kg per quintal of feed  
 Calf, Sheep, Goat, Pig & Foal: 5 - 10 g daily per animal  
 Poultry : 2-5 Kg per ton of feed  
 Fish : 800 g - 1 Kg per ton of fish feed  
 Or as directed by the Veterinarian



**PRESENTATION** : 1-5 Kg.

# NUTRI BLEND

*Perfect Liquid Blend of Vitamins, Organic Minerals  
& Amino Acids*

## COMPOSITION

Vitamin A, Vitamin D3, Vitamin E, Vitamin B1, Vitamin B2, Vitamin B3, Vitamin B12, Vitamin K (MSB), Vitamin H (Biotin), Vitamin C, D-Panthenol, Folic Acid, Lysine, Methionine, Organic Iodine, Organic Selenium, Organic Cobalt, Organic Copper, Organic Manganese, Organic Zinc, Sodium Salt, Potassium Salt, Magnesium Salt, Citric Acid, Essential Fatty acids, NUCLEOTIDES

## BENEFITS

- ✦ Improve hatchability and chick quality
- ✦ Optimizes good start for chicks
- ✦ Boost the immune system
- ✦ Helps to overcome stress
- ✦ Improves egg production
- ✦ Improves body weight and feed conversion

## USAGE & ADMINISTRATION

Dilute 1 Litre of NUTRIBLEND in 500 Litre of clean drinking water.

Chicks - Day old to 5 consecutive days,

Layer - Use for 2 days every 1-2 weeks

Broilers - Use for the first 5 days and again at vaccination, diet change and drug treatment

Cattle - 30 to 50 ml per day

Calves - 10 to 15 ml per day

*Or as directed by the Veterinarian*

**PRESENTATION** : 1 Ltr.



# ButyFizz

*Proven water Acidifier for  
Healthy Gut*

## COMPOSITION

Effervescent Sodium Butyrate 70%

## BENEFITS

- ✦ Act as an energy source for enterocytes leading to better development of the intestinal villi, stronger gut lining and increased absorptive area of the GI tract.
- ✦ Stimulates pancreatic and insulin secretion.
- ✦ Improves digestion and absorption of proteins and other nutrients
- ✦ Exerts antimicrobial activity, reduces pathogenic bacterial load and favours growth of helpful bacteria
- ✦ Improves immune function
- ✦ Improves performance and FCR



## USAGE & ADMINISTRATION

2-3 g per 10 litre of water

*Or as directed by the Veterinarian*

**PRESENTATION** : 100 g, 500 g & 1 Kg.

# Orisol Forte

*Liquid Acidifier fortified  
with Vitamin C*

## COMPOSITION

Ascorbic Acid, Acetic Acid, Benzoic Acid, Buffered Propionic Acid, Butyric Acid, Formic Acid, Lactic Acid, Malic Acid & Sorbic Acid

## BENEFITS

- ✦ Act as an energy source for enterocytes leading to better development of the intestinal villi, stronger gut lining and increased absorptive area of the GI tract.
- ✦ Stimulates pancreatic and insulin secretion.
- ✦ Improves digestion and absorption of proteins and other nutrients
- ✦ Exerts antimicrobial activity, reduces pathogenic bacterial load and favours growth of helpful bacteria
- ✦ Improves immune function
- ✦ Improves performance and FCR



## USAGE & ADMINISTRATION

1 to 2ml per 10 Lit. of water

(depending upon the quality of water)

*Or as directed by the Veterinarian*

**PRESENTATION** : 1 Litre, 5 Litre Jar & 20 Litre Carboy

# ORIMIX

*Mould Inhibitor &  
Feed Acidifier*

## COMPOSITION

Unique proprietary blend of organic acids, mainly Acetic, Propionic, Formic, Butyric, Citric, Ascorbic and their salts.

## BENEFITS

- ✦ Act as an energy source for enterocytes leading to better development of the intestinal villi, stronger gut lining and increased absorptive area of the GI tract.
- ✦ Stimulates pancreatic and insulin secretion.
- ✦ Improves digestion and absorption of proteins and other nutrients
- ✦ Exerts antimicrobial activity, reduces pathogenic bacterial load and favours growth of helpful bacteria
- ✦ Improves immune function
- ✦ Improves performance and FCR



## USAGE & ADMINISTRATION

1.5 kg per ton of Feed

*Or as directed by the Veterinarian*

**PRESENTATION** : 25 Kg Bag

# PREGMIX

*Anionic Mineral Mixture  
with Vitamin E*

## COMPOSITION

Magnesium sulphate, Calcium sulphate, Potassium chloride, Ammonium chloride & Vitamin E

## BENEFITS

- ✦ Mobilizes Calcium during high demand period
- ✦ Prevents Hypocalcaemia & Milk Fever
- ✦ Prevents Post Partum challenges like mastitis, dystocia, metritis, prolapsed uterus and retained placenta
- ✦ Improves immune status
- ✦ Increases Milk Yield & Fat Contents up to 10%
- ✦ Improves conception rate

## USAGE & ADMINISTRATION

Cattle & Buffalo - 100 g for 3-4 weeks before calving in pregnant dry animals

**PRESENTATION** : 2 Kg and 5 Kg Bag

# HICLEAN

## *World Class Disinfectant & Water Sanitizer*

### COMPOSITION

Hydrogen Peroxide - 26.5%

Peroxyacetic Acid- 4.9%

### BENEFITS

- ✦ Water sanitizer provides broad spectrum biocidal activity.
- ✦ Removes all organic contamination, including Biofilms and manganese deposits.
- ✦ Completely biodegradable and decomposes to water, oxygen without having toxic residues.
- ✦ Effective against fin rot, tail rot, dropsy, cloudy eye condition and other parasitic and protozoan diseases of fish.

### USAGE & ADMINISTRATION

#### Water Sanitization

Routine - 1 ml in 10 Ltr.

Viral/ Bacterial diseases - 2 ml in 10 Ltr. for 3 days

E. coli infection - 5 ml in 10 Ltr. for 3 days

Pipe line flushing - 20 ml in 1 Ltr. - Keep pipe lines filled for 30 min to 1 hr.

Disinfection of sheds in presence of birds / animals - 10 ml in 1 Ltr. - Spray method keeping nozzle towards ceiling

Disinfection of empty sheds- 20 ml in 1 Ltr. -

Spray using high pressure pump

Plastic equipment - 20ml in 1 Ltr. - Soak for 30 min

Metal equipment - 10 ml in 1 Ltr. - Soak for 30 min

Foot bath - 10 ml in 1 Ltr. - Add daily

Fishery - 1 Ltr. per bigha - Add homogeneously



**PRESENTATION** : 8 Litre & 25 Litre

# HICAL

*Homogenous suspension of calcium, phosphorus, vitamins and other Nutrients for more milk and fat*

## COMPOSITION

Each 100 ml contains

|               |           |
|---------------|-----------|
| Calcium       | 1700 mg.  |
| Phosphorus    | 850 mg.   |
| Vitamin D3    | 8000 I.U. |
| Vitamin B12   | 100 mcg.  |
| Carbohydrates | 40000 mg. |

## BENEFITS

- ✦ HICAL is a blend of highly bioavailable Calcium & Phosphorus along with Vitamin D3 for better absorption of the minerals, enriched with anaemia preventing Vitamin B12 and energy providing Carbohydrates.
- ✦ HICAL contains calcium and phosphorus in proportion of 2 : 1 most suitable for highest absorption of both the minerals.
- ✦ HICAL provides adequate calcium to sustain high milk production.
- ✦ HICAL provides adequate calcium and phosphorus for proper growth.
- ✦ HICAL provides adequate calcium and prevents milk fever.
- ✦ HICAL provides energy to meet the growing energy demand of lactation and thereby enhances milk production.
- ✦ HICAL provides vitamin B12 and prevents anaemia.

## USAGE & ADMINISTRATION

Cattle & Horse : 50 to 100 ml daily  
Calf, Sheep & Goat : 10 to 20 ml daily

**PRESENTATION** : 1 Litre bottle & 5 Litre Jar



# OxyRelease

*Emergency Oxygen Powder Cum  
Pond Conditioner*

## COMPOSITION

Sodium percarbonate

Calcium peroxide

## BENEFITS

- ✦ OXYRELEASE act as an emergency oxygen source and relieves fish from stress, in case of oxygen shortage in the pond. OXYRELEASE is formulated to release oxygen instantly and also for a prolonged period. While adding oxygen to pond OXYRELEASE controls growth of unwanted algae, bacteria, viruses and ectoparasites and effectively sanitizes pond water and prevents fish diseases.
- ✦ OXYRELEASE purifies the bottom of the pond by reacting with the organic matter deposits and also reduces toxic hydrogen sulphide gas.
- ✦ OXYRELEASE is safe, easy to handle and being granulated can be evenly distributed in pond.
- ✦ OXYRELEASE is biodegradable and leaves no harmful residue in pond

## USAGE & ADMINISTRATION

OXYRELEASE may be applied at the rate of 1 to 3 Kg. per bigha, early in the morning for three successive days.

**PRESENTATION** : 1 Kg and 5 Kg Jar

# GLYMIN

## STAR

## ORAL LIQUID

*Glycine Chelated Liquid Trace  
Mineral Mixture*

### COMPOSITION

Each 10 ml contains

Zinc as Zinc Glycinate 360 mg.

Manganese as Manganese Glycinate 220 mg.

Copper as Copper Glycinate 220 mg. Cobalt as Cobalt Glycinate 20 mg.

Iodine as Iodine Glycinate 6 mg.

Selenium as Sodium Selenite 3 mg.

### BENEFITS

- ✦ Improves fertility
- ✦ Follicular development
- ✦ Timely estrous
- ✦ Timely ovulation
- ✦ Proper fertilization
- ✦ Proper Implantation
- ✦ Pregnancy maintenance
- ✦ Improves immunity

### USAGE & ADMINISTRATION

Cow, buffalo and mare :

10 ml / day for 21 days

( Repeat if necessary )

**PRESENTATION** : 210 ml pet bottle

# Feed Additives

## Organic Acid Salts

### FORMATES

POTASSIUM FORMATE POWDER  
POTASSIUM DIFORMATE POWDER

### PROPIONATES

SODIUM PROPIONATE POWDER  
CALCIUM PROPIONATE POWDER  
AMMONIUM PROPIONATE LIQUID  
AMMONIUM DIPROPIONATE LIQUID

### BUTYRATES

SODIUM BUTYRATE POWDER ( 98 % )  
SODIUM BUTYRATE COATED ( 30 % & 90 % )  
CALCIUM BUTYRATE POWDER ( 98 % )  
CALCIUM BUTYRATE COATED ( 90 % )

## Speciality Vitamin

COATED VITAMIN C – 97 %

# Feed Additives

## Chelated Trace Minerals

### **GLYCINE CHELATED TRACE MINERALS**

ZINC GLYCINE SULPHATE

COPPER GLYCINE SULPHATE

MANGANESE GLYCINE SULPHATE

FERROUS GLYCINE SULPHATE

COBALT GLYCINE SULPHATE

CHROMIUM GLYCINE SULPHATE

CHELATED SELENIUM

CHELATED IODINE

### **15% GLYCINATES**

ZINC GLYCINATE 15 %

COPPER GLYCINATE 15 %

MANGANESE GLYCINATE 15 %

FERROUS GLYCINATE 15

### **BISGLYCINATES**

ZINC BISGLYCINATE

COPPER BISGLYCINATE

MANGANESE BISGLYCINATE

FERROUS BISGLYCINATE

### **METHO CHELATES**

METHO-CHELATED ZINC

METHO-CHELATED COPPER

METHO-CHELATED MANGANESE



***Thank  
you!***



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