



## Royal Avian Products



**ROYAL ILAC®**  
'Cornerstone of Livestock'



### **Manufacturer Company Profile**

Royal was established in September 15, 1995 as Turkish-English partnership to produce high quality licking blocks, licking buckets and other feed additives for the animal industry by using a Know-How system with a combination of scientific approach, by well-trained and competitive staff and using latest technological equipments in its production process.

Our main goals as Veterinarians and Agricultural Engineers at Royal Ilac: to Protect animals to prevent illness, meet their requirements and receive the highest

yield from animals without affecting the animals wellbeing.

Chemicals being the area of expertise of Royal Ilac, The main principle undertaken is to provide, from farm to table, healthy fodder, animals, food, environment and ultimately healthy people

**Royal Ilac is one of the leaders in its sector.**

#### **Royal Ilac's Missions:**

- To demonstrate its activities by improving the sector and to be beneficial for the industry using energetic, dynamic and creative approaches
- To produce new, innovative products with the GMP+ quality certificate using the latest technology in both modern factories.
- Experienced workforce is the main capital: To work with a personnel combination of willing, competitive and well trained technical staff
- Being adamant on promises; Not just for the customers, but for the employees, and to keep the promises given in the suppliers
- Abiding by rules and regulations. Staying and continuing activities within the borders of legislation
- To be bound to occupational principles, and to contribute to the well-being of animal health as a Vet.
- To be environmentally friendly.

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## **Royal Avian Products**

### **Why is it essential to use additives in avian, especially water soluble ones?**

*If some poultry farmers think that their feed is qualitative, they might also assume that it's unnecessary to add anything to their drinking water. Simply for the thought that feed alone contains enough vitamins and minerals. Unfortunately it's common to see farmers with this kind of thought in the field with the addition of their own claimed expertise.*

*As listed below the controversy of supplementing only feed is far from scientific facts.*

*1- Specific diseases in Avian/Poultry might require special feed. For example avian under severe heat stress should be given electrolytes. After the issue is solved, they no longer require it. Therefore, constant supply of electrolytes isn't coherent with nature's facts. There are many more of these kinds of examples.*

*2- The usage of a liquid supplement as well as the discontinuity of it in poultry diets is easy and cost effective. Without knowing what issue will arise at any time, constantly producing the feed containing the materials to be used against the issue from the feed factory, and not knowing what to do with the left over feed is a dilemma on its own and very uneconomical. For example in the case of respiratory tract discomfort, using a water soluble supplement until the issue is solved is a much more practical and economical solution.*

*3- Avian; under stress and various other reasons, can reduce or stop feed intake completely. Under these circumstances, the nutrient content of feed will not be important. However, stress doesn't affect water intake. Thus, water soluble supplements are vital and carry an important role as a cure and resolving problems.*

*4- New chicks are nourished only from eggs as nutrients. Although it seems like they're eating outside food, but actually they are only playing with it and not eating it. However, they do drink water.*



# Anti-Stress Lyte

**Essential electrolytes, minerals, vitamins E and C, are used to prevent low yields in transport, heat stress and similar situations.**

## Indication:

✓ Anti-Stress Lyte is a combination of electrolytes, vitamins E, C and minerals, which is used to provide relief to all kinds of stress and heat to prevent low yield and improper development.

✓ It should be used in all ages and cynical poultry stress situations, water loss and stress situations where it is necessary to give electrolytes.

✓ Recommended to use especially to prevent low consumption of feed under heat stress.

✓ Dissolves easily in water, provides an even distribution, does not separate the phase, and doesn't clog drips.



## CONTENTS:

Electrolytes, (Calcium 21.500 mg, Potassium 6.200 mg, Sodium 25.000 mg and others), copper, zinc, selenium, Vitamin C and E, menthol. For more information please refer to the label.

## Feeding instruction:

The usage is generally 1-1,5 lt for 1 ton of water. However, if animals are to be treated individually, the following doses should be applied by adding 0.5-1 liter of water:

**Poultry:** 1-1,5 lt / 1 ton drinking water for 4-5 days.

**Calves, sheep, goats:** daily 25-30 ml per animal.

**Lambs, kids (yeanelings):** 5-7 ml per animal.

**Cattle, horses and camels:** Daily 100-150 ml / head. (Average: 30 ml for 100 kg live body weight.)

In cases of diarrhea and loss of water, the dose may be repeated twice daily with veterinarian advice.

**Packaging:** 1 lt, 5 lt



# Bicarlyte Powder

**Complementary feed consisting of Electrolyte and Vitamin C to relief animals under severe heat stress.**



## Indication:

Severe heat stress, diarrhea and some illnesses lead to serious loss of electrolytes. Royal Avian Bicarlyte Powder is used to prevent metabolic acidosis due to electrolyte loss, and counter loss of yield and death. It is completely dissolvable in water.



## CONTENTS (per KG):

Bicarbonate: 29%, Potassium: 22% Sodium: 11,5, vitamin C and others. For more information please refer to the label.

## Feeding instruction:

Can be used by mixing with the feed and drinking water for all avian. If used with water; firstly, mix 1 Kg of Bicar Lyte Powder to 5-10 lt to the main water tank/supply.

**For protection purposes, during dehydration and weight loss during transportation:** 1 Kg for 500 Lt. of water or 2 Kg to 1 ton of feed, apply for 5-10 days.

**Mild dehydration:** 1 Kg to 150 Lt. water. 5 Kg to 1 ton of feed. Apply for 5-10 days

**Heavy dehydration & severe heat stress:** 1 Kg Bicar Lyte Powder to 100 lt drinking water. 6-10 Kg to 1 ton of feed. Apply for 5-7 days.

**Packaging:** 5 Kg and 10 Kg



# No'Stress Powder

**Complementary feed consisting of Sodium, potassium, calcium, dextrose, B complex vitamins and vitamin C recommended to use under heavy heat stress.**

## Indication:

- ✓ Severe heat stress
- ✓ Diarrhea, disease-related dehydration
- ✓ Metabolic acidosis
- ✓ Electrolyte supply
- ✓ Reduced appetite due to dehydration
- ✓ Deaths due to heat stress
- ✓ Unknown causes of death

## CONTENTS:

Electrolytes (Calcium: 2,33%, Magnesium: 2% Potassium: 10,49%, Sodium and others) Dextrose: 35,5%, B complex Vitamins, Vitamin C and others.

For detailed information please refer to the label.

## Feeding instruction:

Can be used by mixing with the feed for all avian.

**For protection purposes, during dehydration and weight loss during transportation:** 1 Kg for 1 ton of feed, apply for 5-10 days.

**Heavy dehydration:** 5 Kg for 1 ton of feed, apply for 5-10 days.

**Packaging:** 1 kg, 5 Kg and 10 Kg



# Spiro-clean

**Expectorant** effective complementary feed containing Vitamin B1, C, Iodine, Potassium and essential oils for the protection of the nourishment of the respiratory tract.

## Indication:

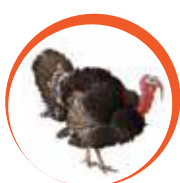
**Broilers & Layers:** Preserving the humidity of the natural routes of the respiratory tract increases resistance to respiratory diseases. For this purpose, Spiro-clean contains essential oils, B1, C vitamins, potassium and iodine, and it provides the moisture of the respiratory tract with aromatic character, expectorant effect, appetite increasing and supplies vitamins to the wings.

Helpful in treating respiratory diseases (mycoplasmosis, aspergillosis, infectious laryngotracheitis, infectious bronchitis) during seasonal changes, when the ambient air changes. In circulatory system disorders, heart failure it reduces the effect of vaccination reactions after vaccination and functions as a respiratory system and air disinfectant.

**CONTENTS:** Essential oils, especially Vitamin B1:1.600 mg, Vitamin C: 3.000 mg, iodine: 58,8 mg, Potassium and Eucalyptus. For more information please refer to the label.

**Feeding instruction:** Broilers & Layers: 0,5-1 lt for 1 ton of water for 4-5 days. Fully grown Cattle and smaller animals (Calves, Sheep, Goats etc..) 0,5-1 lt/1 ton of water for 5-6 days.

**Packaging:** 1 lt, 5 lt





# Respirex Mint

**Complementary feed with natural essential oils for respiratory comfort.**

Mint, eucalyptus, anise oils and menthol have been known for years to humidify and relieve the respiratory mucous membranes. Respirex, which contains these natural oils intensively; combats all bacterial, viral infections and stress conditions.

## Indication:

- ✓ To obtain a natural antibacterial effect (with essential oils)
- ✓ It has been scientifically proven that eucalyptus oil helps naturally suppress the epithelium of the respiratory system and helps removing excess mucus from the bronchi
- ✓ Menthol has anesthetic and relaxing effect
- ✓ Mint and thyme oils have been added to Respirex Mint due to its respiratory comfort, appetizing, digestive regulation, degassing and acidity receptor effects
- ✓ Application of aerosol spray has a disinfectant effect

**Compatibility:** Can be used with other antibacterial agents.

**Incompatibility:** Should not be used with live vaccines. Use two days before and two days after vaccination.

**Indications:** In the case of low appetite and bacterial infection.

**CONTENTS (per Liter):** Intensive aromatic compounds %22 (Mint, Menthol, Eucalyptus, Anise essential oils).

For more information please refer to the label.

## Feeding instruction:

Respirex Mint is used in conjunction with drinking water to protect respiratory system disorders.

Recommended dose for avian and pigs: 200ml for 1 ton of water. Use for 3-4 days.

With the purpose of spraying: mix 200 ml Respirex with 10 lt water and use on 20.000 avian.

**Packaging:** 1 lt, 5 lt



# Egenin Oregano Liquid

**Complementary feed containing the essential oil of the Oregano which grows naturally in Izmir by the Aegean region.**

For many years antibiotics have been used on animals as an appetizer and as protection against diseases. However, the use of antibiotics in feeds has been banned, as it has increased bacterial resistance and has left residues in animal foods. Following the ban on the use of antibiotics, attention has been turned to natural essential antibiotic-effective essential oils.

The most effective of these is oregano oil. 85% of the world's Oregano oil production is made in Turkey. The only reason for this is that Oregano grown in the Aegean region contains high carvacrol and thymol active ingredients.

**Anti-oxidant effect:**

**Antifungal effect:**

**Positive effect on appetite:**

**Antiparasitic effect:**

**Anti-inflammatory effect:**

**Immune system supporting effect:** Although its mechanics are not completely known, it has been found that the oregano essential oil supports the immunity system.

**The main reported effects in birds**

- ✓ Digestive system regulator
- ✓ Immune system strengthening effect
- ✓ Antioxidant effect
- ✓ Decreasing effect of ammonia production
- ✓ Lower mortality
- ✓ Protects from stress
- ✓ Increase in egg yield
- ✓ Increasing effect of using feed in broilers

**Composition:** Egenin Oregano; 8% Oregano essential oil

**Feeding instruction:**

**Broilers:** 100-200 ml/1 ton of drinking water. **Layers & Turkeys:** 100-250 ml/1 ton of drinking water.

**Pigeons & Rabbits:** 2,5-3ml / 1 lt of drinking water.

**Dairy & Beef Cattle, Camels, Horses, Sheep:** 200-250 ml/1 ton of drinking water.

**Calves:** 100-200 ml/1 ton of drinking water.

**Swine(general dose):** 150-250 ml/1 ton of drinking water.

**Packaging:** 1 lt, 5 lt



# Acidoral

**Organic Acid Premix.**



## Indication:

- ✓ It's known that organic acid is useful in poultries for pathogen control in the digestive tract.
- ✓ Increases acidity, activates digestive enzymes and supports friendly bacterial flora.
- ✓ Contributes to digestion and yield.
- ✓ Acidoral is effective in preventing avian urolithiasis (Gout/Stones in the renal system)



## When to use:

- ✓ Decrease in appetite
- ✓ Diarrhea
- ✓ Antibiotic treatment
- ✓ Unwanted bacteria formation in the digestive tract

## CONTENTS:

Technological additives (Preservatives), Formic acid: %52, Phosphoric acid: %21, Citric acid Lactic acid. For detailed information please refer to the label.



## Feeding instruction:

Add Royal Avian Acidoral; 0,5lt /1 ton drinking water and use for 5-6 days.

**Swine, piglet:** Add 0,5lt /1 ton drinking water and use for 5-6 days.

**For cleansing of the renal system:** Add 0,25- 0,5 lt / 1 ton drinking water.

**Packaging:** 1 lt, 5 lt and 20 lt



# Acidoral Powder

**Organic Acid Premix.**

## Indication:

- ✓ It's known that organic acid is useful in avians for pathogen control in the digestive tract. As the *Ph* in the stomach drops, the pathogens in the stomach are killed off.
- ✓ Increases acidity, activates digestive enzymes and supports friendly bacterial flora.
- ✓ Contributes to digestion and yield.
- ✓ Acidoral Powder is effective in preventing avian urolithiasis (Gout/ Stones in the renal system)
- ✓ Acidoral Powder acts as a preservative in feed preventing spread of mitotoxins
- ✓ Calcium carbonate, which is used as a filler, is also a source of calcium for avians.



## When to use:

- ✓ Decrease in appetite
- ✓ Diarrhea
- ✓ Antibiotic treatment
- ✓ Unwanted bacteria formation in the digestive tract

## CONTENTS:

1 Kg contains, Technological additives (Preservatives), Calcium formiate (E238): 450 g, Calcium propionate (E282): 100g , Citric acid (E300), Calcium carbonate and more. For more information please refer to label.

## Feeding instruction:

Incorporate Royal Avian Acidoral Powder homogeneously into the feed as acidifier and preservative.

**Poultry:** 2-3 kg / ton feed

**Rabbits:** 1-2 kg/ ton feed

**As acidifier in piglet feeding:** 2-4 kg /1 ton feed

**Packaging :** 5 Kg, 25 Kg





# B Complex

**Complementary feed consisting of Vitamin B complexes, Vitamin K, Betaine, Choline, Biotin and similar nutritional elements to aid and support metabolism while increasing productivity.**



## Indication:

- ✓ Protects general health and supports productivity
- ✓ Stimulates metabolism
- ✓ Decreases the risk of fatty liver (disease)

## When to use :

- ✓ During antibiotic treatment
- ✓ For growth of offspring and increasing feed intake

- ✓ When deformation occurs skin and hooves
- ✓ When sudden deaths occur



## CONTENTS: For every litre,

Vitamins (B group: B1:2.500 mg, B2:4.000 mg, B6: 2.500 mg), Niacin, Vitamin K, Betaine, Choline Chloride, and other nutritional additives. For more information please refer to label.

## Feeding instruction:

**Poultry:** Add Royal Avian B complex, 1 lt / 3 tons of drinking water, and use for 1 week.

**Subclinical Acidosis in cattle:** Add 1 lt / 1 ton drinking water and use for 2 weeks

**Swine:** 1 lt/ 2 ton, Nursing sows: add 1l t / 5 tons drinking water and use for 2 weeks

**Packaging:** 1 lt, 5 lt



# Carniovit Powder

**Complementary feed which does not contain vitamin A but high levels of Carnitin, B vitamins, folic acid, pantothenic acid, amino acids and minerals.**

## Indication;

- ✓ Since it doesn't contain any Vitamin A, it's the Ideal product for avitaminosis and post-infection recovery periods.
- ✓ Contains a quite high B vitamin complex. This formulation is appetizing and reduces stress.
- ✓ In Avian: The abdomen supports the formation of muscles by inhibiting the formation of fat.
- ✓ Reduces sudden death rates. Regulates fat metabolism, reducing the ratio of cholesterol in the egg yolk. Therefore the rate of incubation increases.
- ✓ In Swine: Supports the formation of muscle formation and reduces the formation of fat spine. Improves reproductive performance in both genders.



## CONTENTS (per Kg):

**Carnitine:** 35,000 mg, Vitamin D, high group B vitamins, Vitamin B1: 10,000 mg, and others, Magnesium (magnesium sulphate): 20,000 mg, copper, manganese and other nutrients. For more information please refer to the label.

## Feeding instruction:

Poultry; recommended to use 2 kg for 1 ton of feed. Or mix 1 kg to 1 ton of drinking water. Applying without interference for one week a month should deliver the expected results.

**Packaging style:** 1 Kg, 5 Kg



# Carnitonic

**Liver protector complementary feed consisting of Carnitine, Betaine, Choline Chloride, Sorbitol, Magnesium, and special plant extracts.**



## Indication:

- ✓ To prevent fatty liver: Depending on the increased energy need during growth, development and laying periods, metabolic balance can be disrupted by feeding with high fat levels or environmental stress. This causes liver fattening. The application of carnitine increases fat burning and relieves the liver. (By increasing mitochondrial oxidation in cells)
- ✓ To increase digestion: Sorbitol increases the release of pancreatic enzymes, regulates digestion and contributes to the protection of the liver.
- ✓ The laxative effect of sorbitol and magnesium relaxes the digestive system and provides easy excretion of toxins.
- ✓ Reduces the harmful effects of stress factors
- ✓ Supports energy metabolism



## CONTENTS (per Liter):

L-Carnitine (Vitamin B11): 61.000 mg, Choline Chloride: 25.000 mg, Betaine: 15.000 mg, Amino acids. Sorbitol, Citric acid, Magnesium (Magnesium sulphate) Herbal liver protective extracts (Petroselinumcrispum, cynarascolumus) and others. For more information please refer to the label.

## Feeding instruction:

**Poultry:** 1 lt/1 ton into drinking water and apply for 3-5 days.

**Cattle, Horses:** 50-70ml/head/day.

**Sheep & goats ,calves:** 10-15ml/head/day.

Apply for 1 week in drinking water.

**Pigs:** 10-15ml/head/day. Piglets:2-4 ml/head/day. 1 week.

**Packaging:** 1 lt, 5 lt



# Garlicor AE

***Antioxidant effective complementary feed that increases natural resistance and appetite in avian.***

## Indication:

- ✓ To obtain natural antibacterial effect (Essential oils provide this effect, which is used in the urinary system, cardiovascular, and general infections.)
- ✓ Increasing appetite, releasing the gas in the digestive system
- ✓ Due to antioxidant properties (Vitamin A and E strengthen this effect.)

## When to use:

- ✓ Low appetite
- ✓ Suspicion of bacterial infection
- ✓ When feed consumption is low or to increase

## CONTENTS (per Liter):

Vitamin A: 5.000.000 IU, Vitamin E: 10.000 mg, Garlic essential oil, Coriander essential oil and others. For more information please refer to the label.

## Feeding instruction:

**Poultry:** 0,5-1Lt Garlicor AE to 1 ton of drinking water and apply for 3-5 days.

**Cattle, Horses:** 10-15 ml/head/day. Sheep & goats: 2-4ml/head/day. Apply for 3-5 days.

**Swine:** 1 lt / 2 ton water, or 1 lt/ 1 ton feed

**Packaging:** 1 lt, 5 lt





# Hi-Digest

***Complementary feed consisting of electrolytes, vitamins and essential oils, which boost feed intake and digestion and support metabolism.***



- ✓ Support of natural immune system.
- ✓ Limiting the effect of diarrhea and helping to stop diarrhea by providing of electrolytes
- ✓ Regulating liver functions
- ✓ Developing of the digestive tract and digestive system



## **When to use:**

- ✓ Digestion and absorption disorders
- ✓ Digestive system fires
- ✓ Antibiotic treatments
- ✓ When the digestive tract flora is disturbed

## **CONTENTS:**

Electrolytes, Betaine, Vitamin C and D3, lysine and to stop diarrhea, Pinus essence oil and Salvia oleoresin as digestive regulator.

## **Feeding instruction:**

**Poultry:** 1 Lt to 1 ton of drinking water for 1-2 weeks.

**Swine:** 1 Lt to 1 ton of drinking water for 1-2 weeks.

**Packaging:** 1 Lt, 5 Lt



# Renalex

**Complementary feed consisting of vitamins, electrolytes, plant extracts and essential oils to regulate kidney function, increase urine production and enhance resistance against kidney stones, gout and urethra infections.**

## Indication:

- ✓ Has regulatory effect on kidney and liver functions.
- ✓ Used to treat and prevent formation of kidney stones.
- ✓ Prevents gout.
- ✓ Aims to balance electrolytes with osmotic pressure.
- ✓ Used during the period of heat due to supporting effect of the organism.
- ✓ Prevents digestive system indigestion.
- ✓ Increases digestion: propylene glycol and glycerin increase the release of pancreas enzymes, regulating digestion and contributing to the protection of the liver.
- ✓ The laxative effect of glycerin and magnesium relaxes the digestive system and provides easy excretion of toxins.
- ✓ Reduces the harmful effects of stress factors
- ✓ With amino acids, vitamins and herbal extracts it increase productivity & appetite.

## When to use:

- ✓ Urinary secretion disorders.
- ✓ After antibiotic or sulphonamide treatment.
- ✓ To support urogenital system treatment
- ✓ In case of gout.
- ✓ Kidney stone formation.
- ✓ Increases the efficiency and strengthens the immune system.

## CONTENTS (per Liter):

Glycerine, Propylene glycol, Magnesium (Magnesium sulphate), Potassium chloride, Sodium sulphate, Vitamin A, Vitamin C, Betaine, Amino acids, Essential oils, Allium sativum and other nutritive elements of plant extracts. For more information please refer to the label.

## Feeding instruction:

Mix 1-1,5 Lt of Royal Avian Renalex to 1 ton of drinking water for 1 week.

Sows: 25ml/head for 1 week.

**Packaging:** 1 lt, 5 lt



# Masselor

**Complementary feed consisting of amino acids and herbal extracts for appetizing and muscle formation support.**



**Indication:**

It's known that calcium and magnesium have a positive effect in all avian on the skeletal system, strengthening of bone structure and quality of egg shell. In addition to Calcium and Magnesium, Avian Masselor contains other trace minerals in a balanced way.

✓ Promotes muscle building

- ✓ Increase appetite
- ✓ Supports growth and development
- ✓ Compensates for weight loss
- ✓ Increases meat quality, encourages meat retention

**CONTENTS:**

Methionine, Lysine, Turmeric extract, marjoram extract (CoE 317).

For more information please refer to the label.

**Feeding instruction:**

Poultry: Mix 1 lt Masselor with 1 ton of drinking water for 1-2 weeks

**Packaging:** 1 lt, 5 lt



# Phos-Form

**Highly biologically evaluable Liquid supplement with phosphorus, minerals and amino acids.**

**Indication:** In animals; Lack of phosphorus and other minerals causes the animals to eat and lick non-food objects, leading to muscle and bone growth retardation as well as decrease of milk, meat and egg yield.

**Benefits of use:**

**Higher impact advantages and easy oral use:** Has the advantage of avoiding injection stress and side effects

**Postnatal Cattle and Horses:** Generally, Phosphorus deficiency occurs together with calcium deficiency, which is the main cause of both birth palsy and postnatal problems. Phos-Form is an effective way of practically eliminating phosphorus deficiency.

**New Borns:** Besides phosphorus which is required for proper bone and muscle structure and strengthening the immune system, it contains a balanced dose of minerals.

**Benefits of use:**

Shows a homogeneous distribution in water. Doesn't leave sediment at the bottom. Doesn't cause oil- and water phase separation.

**CONTENTS :** Orthophosphoric acid 15%, Potassium: 0,43%, Sodium, Metionin, Lysin, Iron, Mangan, Cobalt, Copper, Zinc and other nutritional values. Complete composition:  
For more information please refer to the label.

**Feeding instruction:**

Phos-Form can be used by squeezing the required amount readable scale on the bottle. The following dosage should be used for a 10 day period.

**Beef & Dairy Cattle:** 100 grams to 1-2 Lt. of water.

**Calves, sheep, goats** (live weight 50 Kg): 2-3 lt to half a Liter (0.5 lt) of water.

**Chickens & Turkeys:** 2-3 lt Phos-Form to 1 ton of water. (Apply 20-30 grams for 100 chickens per day)

**Chicks:** 2-3 lt Phos-Form to 1 ton of water. (Apply 20-30 grams for 100 chicks per day)  
The above doses, in case of high phosphorus demand, can be doubled in amount and treatment duration under supervision and recommendation of a veterinarian.

**Packaging:** 1 lt





# Calci-Plus D3

***Complementary feed consisting of calcium, magnesium and other minerals to increase bone and egg shell quality.***

## **Indication:**

It's known that calcium and magnesium have a positive effect in all avian on the skeletal system, strengthening of bone structure and quality of egg shell. In addition to Calcium and Magnesium, Avian Calci-Plus contains other trace minerals in a balanced way.

- ✓ Establishing healthy skeletal system of broods and broilers
- ✓ Increasing the quality of eggshell
- ✓ Accelerating growth and development
- ✓ In papillary disorders
- ✓ Walking problems
- ✓ In case of diarrhea and other bacterial infections, to increase the resistance of the body and to provide minerals



## **CONTENTS:**

Calcium: 80.000 mg, Magnesium: 17.000 mg, Zinc, Copper, Manganese and other nutrients. For more information please refer to the label.

## **Feeding instruction:**

**Poultry:** mix 1 lt Calci-Plus with 1 ton of drinking water for 5-6 days.

**Packaging:** 1 lt, 5 lt



# C Strong D3

**A complementary feed with Vitamin C and Vitamin D3.**

## Indication:

Vitamins C & D3 working jointly to neutralize free radicals and strengthen the immune system with their antioxidant character. To provide a healthier muscle, bone, cartilage structure and healthy egg, shell; Vitamins C and D3 are combined in C Strong D3.

## CONTENTS (per Liter):

Vitamin C: 130.000 mg, Vitamin D3: 300.000 IU, Niacin and other nutritive elements. For more information please refer to the label.

## Feeding instruction:

Can be mixed with feed and drinking water or drenched orally.

For drinking water use 200 ml C Strong D3 for 1 ton of water.

**Horses, Cattle & Camels:** 20-30 ml/head/day

**Sheep, Goats, Calves, Camelcalves, foals:** 4-5 ml/head/day

**Beef Cattle (200 Kg live weight):** 10-15 ml/head/day

**Poultres (all):** 200 ml for 1 ton of drinking water

## Warnings and precautions:

Only for animal use. Shake thoroughly before use.

Drinking water mixed with vitamins should remain accessible for animals for 24hrs and completely changed every 2 days.

**Storage:** Keep stored in room temperature. Keep away from direct sunlight and don't freeze.

**Packaging:** 1lt, 5 lt



# Pantonic

**Complementary Liquid containing high ratio of pantothenic acid (Vitamin B5), basic amino acids, some electrolytes, vitamins of groups B and A, D, E, K and immune system developing nucleotides.**

## Indication:

- ✓ Concentrated Pantonic due high distillation technology, easily soluble in water, no sediment building at the bottom.
- ✓ Doesn't cause oil phase and water phase separation. Doesn't clog drippers.
- ✓ Biofilm isn't formed in used cups. Animals consume with appetite.
- ✓ Pantonic enhances appetite and utilization of feed, supports the digestive systems flora and supports the immune system.
- ✓ Contributes to growth and development in young animals (Calves, Lambs, foals, camels and chickens)
- ✓ It's scientifically proven that nucleotides in Pantonic, obtained by enzymatic hydrolysis from RNA, enhances the immune system that accelerates RNA and DNA synthesis on animals, increases resistance to bacterial infections and contributes to the development of the digestive tract.
- ✓ Nucleotides accelerates bowel recovery after diarrhea or food insufficiency, increases growth rate.
- ✓ Pantonic with nucleotides; prevents liver fattening, contributes to the development of efficiency, eliminates nutritional imbalances in pregnancy and puerperium.
- ✓ Contributes to growth and yield increase in cattle.
- ✓ Electrolytes, vitamins A, D, E, K and all vitamins of group B, Vitamin B5 and nucleotides improve the growth potential of all types of poultry and turkeys. It supports the immune system in stress, dietary changes and disease states. Pantonic Nucleotide reduces mortality level and supports egg yield.
- ✓ Has a positive effect on horse performance and appetite.
- ✓ For bees, suffering weakness in their colony, using Pantonic in spring and summer months can support and strengthen the colony
- ✓ Pantonic is a very easy solution to use. Its unique odor comes from its vitamins. It is easily soluble with the drinking water of animals.



**Benefits of use:** Concentrated with high distillation technology, Pantonic doesn't create a liquid phase. Easily soluble in drinking water. Doesn't form biofilm in cups it has been used in. Easy oral use with high effect. Has the advantage of avoiding injection stress and its side effects.

**CONTENTS:** Vitamin A: 3.000.000 IU, Vitamin D3: 640.000 IU, Vitamin E: 4.050 mg, Pantotenic acid: 16.500 mg, Vitamin B1, Vitamin B2, Vitamin B6, Vitamin B8, Vitamin B12, Vitamin K3, Vitamin C, Biotin, Cholin Chloride, Nucleotide, Amino acids and other nutritional values. For more information please refer to the label.

**Feeding instruction:** Indicated doses can be given with feed and/or drinking water. Continue treatment for 4-5 days.

**Beef & Dairy Cattle, Camels, Horses:** 50 ml/head/day. **Calves, Foals, Sheep, Goats (live weight 50 Kg):** 5 ml/head/day. **Lambs, yearlings:** 3ml/head/day, **Chickens, Turkeys:** 1-2 lt in 1 ton of drinking water for 5 days

**Chicks, Pullets:** 2-3 lt in 1 ton of drinking water for 5 days. **Bees:** To support bees during diarrhea and weakening, add 100 ml to 100 lt of sugary syrup and apply for at least 5 days. The doses above can be doubled and stretched to 10 days of treatment under the supervision of a veterinarian or an animal nutrition expert.

**In general:** 1-2 lt of Pantonic to 1 ton of drinking water.

Indicated doses should be applied to drinkable amounts and given for 4-5 days a month.

**Packaging:** 1 lt, 5 lt



# Vitamin ADEK+C Liquid

***The water-soluble version of the Oil-soluble ADE, K and C vitamins. Used for all animals to contribute to growth and development in general and to prevent the loss of productivity.***

## Indication:

- ✓ Contributes to growth and development of young animals
- ✓ Used for the prevention of rickets
- ✓ With its high ratio of Vitamin E,C it's a good antioxidant and strengthens the immune system
- ✓ Contains rosemary essential oil and increases appetite
- ✓ Has a positive effect on reproduction, circulation, muscle and bone systems.
- ✓ Easily soluble in water, providing an even distribution, no phase separation, won't clog drips.

## CONTENTS (per Liter):

Vitamins: Vitamin A: 50.000.000 IU, Vitamin D3: 5.000.000 IU, Vitamin E,C Vitamin K. For more information please refer to the label.

## Feeding instruction:

In the events of transportation, support for before and after treatments, heat stress, dehydration and metabolic stress, use 1 Lt. for 1 ton of drinking water. Apply for 5-6 days. To provide vitamins use 0.5 Lt for 1 ton of drinking water for 1 week.

**Cattle, Horses, Pigs, Sheep:** 0.5 Lt for 1 ton of drinking water.

**Piglets:** 200cc to 1 ton of drinking water.

The prepared mixture should be used for 24hrs. In case of stress during treatment it's recommended to start 3 days prior and should be continued for 6 days.

**Packaging:** 1 lt, 5 lt





# Bio-Life Guard

**Complementary feed consisting of high ratio Vitamin E, C and alike antioxidant vitamins, B complex vitamins, Biotin, Niacin, Betaine, and Oregano, antioxidant effective Tumeric essential oils that have a positive influence on condition, immunity and bone mineralization.**

## Indication:

- ✓ Besides other vitamins, it contains very high levels of vitamin E and C, which are the best known antioxidants
- ✓ Contains Vitamins E and C, other vitamins and Oregano, Turmeric essential oils, which affect immune system positively
- ✓ Due to its vitamins, it increases the yield on broilers and layers
- ✓ Has a positive effect on bone mineralization
- ✓ Increases skin and feather condition
- ✓ Bio Life Guard enhances appetite and utilization of feed, supports the digestive systems flora and supports the immune system
- ✓ Reduces mortality rate and increases egg yield
- ✓ Doesn't cause oil phase and water phase separation. Doesn't clog drippers.
- ✓ Doesn't cause biofilm formation in used cups. Increases drinking appetite concentrated with high distillation technology, easily dilutes in water.
- ✓ Doesn't form a sediment at the bottom.



## When to use:

- ✓ Continuing aim of productivity and immunity
- ✓ In cases of sudden deaths, Skin fires
- ✓ With the intention of calming the animals and reducing stress before transportations
- ✓ When subject to heat stress and various stress conditions
- ✓ Weakened immune system
- ✓ Disorders and poor condition of feathers
- ✓ Disorders of the digestive system

**CONTENTS:** Vitamin A: 1.500.000 IU, Vitamin D3: 300.000 IU, Vitamin E: 50.000 IU, Vitamin B1, Vitamin B2, Vitamin B5, Vitamin B6, Vitamin B12, Vitamin C, Vitamin K3, Folic acid,

Biotin: 500.000 mcg, Niacine, Betaine, Oreganon, Turmeric tinctures and other nutritional values. For more information please refer to the label.



## Feeding instruction:

Indicated doses should be continued for 1 week:

**Chickens and turkeys:** mix 1 Liter of Bio-Life Guard into 1 ton of drinking water, apply for **one week**.

**Chicks and pullets:** 1-1.5 lt of Bio-Life Guard to 1 ton of drinking water, apply for one week.

The doses above can be doubled and starched to 10 days of treatment under the supervision of a veterinarian or an animal nutrition expert.

**Packaging:** 1 lt, 5 lt



# Biotin Plus

**Complementary feed consisting of high levels of Biotin as well as Vitamin A, Lysine and Zinc effective on skin, feather and foot health.**

## Indication:

- ✓ Provide health hair growth
- ✓ Reduce skin fires
- ✓ Positive effect on reproductive efficiency

## When to use:

- ✓ Feather loss
- ✓ Skin, nail and foot firings
- ✓ During molting periods in avian
- ✓ Feathers
- ✓ Fertility problems
- ✓ In cases of pododermatitis

## CONTENTS:

Biotin: 4.500 mg, Vitamin A, Zinc, Lysine and more. For more information please refer to the label.

## Feeding instruction:

1 lt of Royal Avian Biotin Plus in 5 ton drinking water for 5-7 days.

**Pigs:** 1 lt-2 lt in 5 tons of drinking water for 5-7 days.

**Packaging:** 1 lt, 5 lt



# Vitamin E Selenium + Zn

*Avian complementary feed consisting of vitamin E, Selenium and Zinc.*



## Indication:

- ✓ Vitamin E and selenium, zinc work together to neutralize free radicals and are known to support the immune system with antioxidant properties.
- ✓ Used in poultry with the goal of increasing carcass quality, fertility, utilization of feed, and

preserving muscle integrity.

- ✓ Recommended in cases of egg and hatching yield loss in layers.
- ✓ Reduces the risk of muscular dystrophy in the digestive system.
- ✓ Used with the purpose of preventing rickets in turkeys.
- ✓ Post-vaccination use contributes to the strengthening of the immune system.

## When to use:

- ✓ Fertility disorders
- ✓ Selenium and vitamin E deficiencies
- ✓ Gastrointestinal muscular dystrophy
- ✓ White muscle disease
- ✓ Protecting the cardiovascular system
- ✓ Suspicious infections

**Benefits of use:** Shows a homogeneous distribution in water. Doesn't cause phase separation and biofilm formation.

**CONTENTS** (per Lt.): Vitamin E: 75.000 mg, Vitamin C: 20.000 mg, Selenium: Lysine: 100.000 mg, Ginseng essence and other nutrients. Please check the product label to see the complete CONTENTS.

**Feeding instruction:** Can be mixed with animal feed and drinking water as well as drenched orally in specified doses. For all avian (poultry): use 1Lt for 1 ton of drinking water. Mixed drinking water must be kept accessible for animals at all times for 24hrs and completely changed every 2 days.

**Cattle, Horses, Swine, Calves, Camel common dose:** 0,5-1 lt/1 ton drinking water. Apply 100kg live weight to 10ml ratio. Use one week in necessary months.

**Horses, Cattle and Camels:** 50ml/head/day. **Sheep, Goats, Calves, Camel Calve & Foals:** 10-15ml/head/day. **Pigs, Heifers;** 15-20ml/head/day

**Packaging:** 1 lt, 5 lt



# Avita Extra

***Vitamin, mineral supplemented sodium bicarbonate filler supplement. It is generally used in all avians to contribute to growth and development and to prevent decreased productivity***

## Intended use:

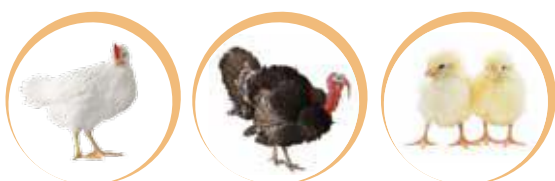
- ✓ To contribute to growth and development in young animals.
- ✓ With antibiotic applications and vaccination applications.
- ✓ Used in the prevention of rashitizmin.
- ✓ It is a good antioxidant with High vitamin E level, strengthens the immune system.
- ✓ Appetising, It contains on high rate group of B vitamins
- ✓ It has a positive effect on reproduction, circulation, muscle and bone systems.
- ✓ It is easily soluble in water, providing an even distribution.



**Ingredients:** Vitamin A 10.000.000 IU, Vitamin D: 2.000.000 IU Vitamin E: 20.000 mg, Vitamin K3: 10.000 mg. Vitamin C: 150.000 mg Vitamin B1: 10.000 mg, Vitamin B2: 15.000 mg and other B complex vitamins, Zinc, Copper, Selenium and other minerals concomitantly used bicarbonate as a filling material. Please check the product label for full product content.

**Usage form and dosage:** It uses 100 grams for 1 ton of water on drinking water applications. 100 grams of powder should be dissolved in 2-3 liters of water and mixed into the main tank. In the participate of feed, should be used 200 grams for each ton of feed.

**Packaging:** 1 kg



# Vitomino Plus

***Rich Vitamin containing sodium bicarbonate and dextrose forage supplement. It is used to contribute to growth and development in all poultry and to prevent low yields.***

## Indications:

- ✓ Increase utilization of feed in poultry
- ✓ Contributes to growth and development of young animals
- ✓ Increasing the quality of eggshell and egg yield
- ✓ Can be use with antibiotic applaications
- ✓ With its high ratio of Vitamin E it's good antioxidant and strengthens the immune system
- ✓ It is an appetizer. Contains high ratio of vitamin B groups
- ✓ Has a positive effect on reproduction, circulation, muscle and bone systems
- ✓ Easily soluble in water, no separation



## Contents:

Vitamin A: 50.000.000 IU, Vitamin D3: 5.000.000 IU, Vitamin E: 40.000 mg, Vitamin K3: 15.000 mg, Vitamin C: 200.000 mg, Vitamin B1: 15.000 mg, Vitamin B2: 20.000 mg and other vitamin B groups, methionine, lysine amino acids, dextrose and sodiumbicarbonate fillers. For full product content, please check the product label.

**Feeding instruction:** Consumed by mixing to driking water or forage on poultry

**As a promoter:** 30 grams / 1 ton of water for drinking water. 50 grams / 1 ton of feed to participate in eating. Always.

**As an endurance:** Drinking water 100 grams / 1 ton of water. Eat 200 grams / 1 ton of feed. The risk situation is from the beginning to the beginning.

**During treatment:** Drinking water 150 grams / 1 ton of water. 300 grams / 1 ton of feed to participate in eating. Until the general situation improves.

The mixture should be prepared fresh on a daily.

**Packaging:** 1 kg





# Royal Avian Premix

***Our feed premix range containing vitamin, mineral and amino acids are as stated below.  
For information on technical details and product constituents, please contact our company***



- ✓ Mineral feed additives (Broiler)
- ✓ Mineral feed additives (Layer)
- ✓ Mineral & vitamin feed additives (Broiler)
- ✓ Mineral & vitamin feed additives (Layer 15.000.5.000)
- ✓ Mineral & vitamin feed additives (Layer standard)
- ✓ Mineral & vitamin feed additives (LAYER)
- ✓ Mineral & vitamin feed additives (Laying chick)
- ✓ Vitamin feed additives (Broiler)
- ✓ Vitamin feed additives (Layer)
- ✓ Vitamin & amino acid (Poultry)

# Oyster Shells / Calcium carbonate

***Natural origin calcium carbonate powder which can be used for all kinds of feeds, including whole feed, complementary feed, feed additive and all animals.***



A natural product obtained by washing, cleaning, baking and grinding oyster shells purified from sand, stone, dust and pebbles. The finished product is continuously controlled for salmonella and dioxin. Royal Avian Oyster Shells is a unique product as a calcium source. It's slowly dissolving the gut and is almost completely absorbed. This way the gut isn't overloaded with calcium which it can't handle.

✓ A valuable calcium source for farm birds, especially layers to which it provides proper bone formation as well as raises egg shell quality.

- ✓ Healthy egg shell formation: each egg requires 2.5 grams of pure calcium.
- ✓ Provides more healthy bone formation in broilers and turkeys and accelerates their development.
- ✓ Natural calcium source: 5-10 times slower soluble than other sources of calcium. This gradually provides the absorption of the entire content.
- ✓ Royal Avian Oyster Shells is a unique natural product with fast feed conversion which contributes to concentrated defecation and wing health.

## **Product feature:**

Calcium carbonate content: 97%

Physical property: Gray powder

# PeckStone

**Avian mineral stone preventing behavioral disorders and satisfying the natural pecking instincts by providing minerals.**



## Problem:

Poultry have a natural habit of feeding by pecking. However, in modern intensive poultry farming, the feed is brought in front of the animal which doesn't require pecking. This causes the animals behavioral disorders.

- ✓ Cannibalism due to excessive pecking (depending on chickens behavior of hunter display)
- ✓ Excessive growth of beak due to trimming (animal welfare laws prohibit beak trimming)

## Solution: Royal Avian PeckStone

Produced entirely from natural raw materials without chemical binders, Royal Avian PeckStone satisfies the pecking instincts of farm birds, preventing possible behavioral disorders.

## Royal Avian PeckStone:

- ✓ Produced entirely from natural raw materials. Oyster shells and carob shell flour are razor sharp and the perfect rasp.
- ✓ Satisfies the pecking instinct, keeps birds sufficiently occupied and relieves them from stress. Doesn't cause cannibalism cases.
- ✓ Contains Calcium, Magnesium, Sodium and other trace elements that contribute to the formation of healthy bone and feather while maintaining the health of the birds.
- ✓ Contains vital minerals and salts. Supports healthy metabolism.
- ✓ Suitable for organic farming (livestock)
- ✓ Applicable for broilers, broods, layers, geese, turkeys, and exotic avian.

## CONTENTS:

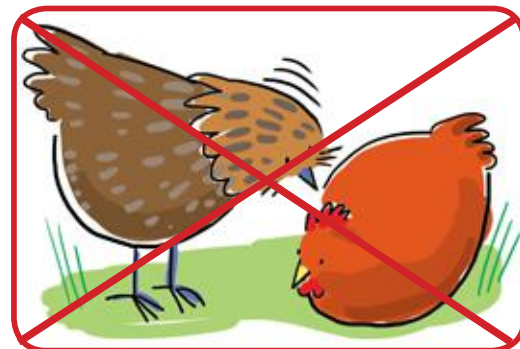
Vitamin C, Calcium, Magnesium, Sodium, other trace minerals, oyster shell flour, carob shell flour, calcium carbonate and other nutritive elements. ,

For more information please refer to the label.

## Feeding instruction:

It's left freely in front of farm birds for pecking. One piece of Royal Avian PeckStone is adequate for 300-400 farm birds. Consumption rate is low. (on average: 1-4 grams/head/day)

**Packaging:** 8 Kg



# Rotox T2

**Toxin binder, Acidifier, Emulsifier, Growth Promoter.**



**Indication:** 300 known species of fungi produce harmful mycotoxins. The most well known of these mycotoxins are aflatoxin and Ochratoxin. These mycotoxins, weaken the nervous system, poison tissues and weakens the body's immune system. Decrease in feed intake also causes reproductive problems and a lot of damage.

**Benefits:**

- ✓ Recent scientific studies show mycotoxin effect of treatment cannot be healed but can stop yeast production and mycotoxin absorption in feed and can be prevented from mycotoxins.
- ✓ That's why Rotox T2;
- ✓ Produced with Sodium calcium aluminosilicate filler, an effective aflatoxin linker.
- ✓ Absorbs mycotoxins with high porous structure, is effective in decreasing odor in the barns .
- ✓ With buffered organic acids: it kills the yeast present in the feed.
- ✓ Mannan oligosaccharides contribute to the improvement of health and the body's immune system.
- ✓ Prevents colonization by harmful bacteria.
- ✓ Contributes to the smooth functioning of the intestines system.
- ✓ Contributes to the development of liver and has a protective effect.
- ✓ Does not damage absorption of useful vitamins, minerals and other nutritional elements.
- ✓ It's smooth and doesn't cause cloding.

**Usage:** Add protective 0,5 -2kg to 1 ton. In cases of Mycotoxins suspicion Rotox T2 can be increase too.

**Storage conditions:** Store in cool & dry place, protect from direct sunlight.

**Packaging:** 25 kg kraft bag

# Benzil %20



**Usage Area:** BENZİL is used in disinfection and sanitation with the purpose of eliminating the factors causing the disease in a fast, effective and safe way for ensuring hygienic condition for health and high efficiency in all animal husbandry branches and maintaining these conditions.

- ✓ In foot-and-mouth disease;
- ✓ In the antiseptis of the nail-to-nail lesions in wound and mucosa abrasions that occur during opening of the mouth mucosa,
- ✓ Local Treatment;
- ✓ In cases such as bite, wound, burn, piyeten, abscess,

- ✓ In Clinical Applications;
- ✓ In the field of operation and in the disinfection of hands, sterilization of operating materials,
- ✓ In Animal Shelters;
- ✓ In the disinfection of animal shelters such as barn, fold, poultry-house,
- ✓ In the Dairy Industry;
- ✓ In the hands of milkers, heads of milking machines and similar disinfectants

**General Disinfection;**

- ✓ It is used in the disinfection of animal transport, animal hospitals, veterinary clinics and similar places.

**Content:** BENZİL is a colorless, odorless, clear solution containing 200 mg Benzalkonium Chloride per ml.

**Usage Shape and Dosage: If not otherwise recommended by the veterinarian:**

**Clinical use:** To obtain antiseptis with dilution: diluted 1/200; In open wounds, the abscess diluted 1/1000 in the treatment.

**In the Foot-and-Mouth Disease:** diluted 1/500 (mouth, breast, nail, bath)

**In Poultry:** with 1/500 ratio (feeder, waterer, incubator disinfection)

**Animal Shelters and General Purpose:** 1/500 (in barn, poultry-house, clinic etc. disinfection)

**Packing shape:** 1 lt, 5 lt, 20 lt



# Dezinfex Doxi 351



**Definition:** Powerfull disinfectant for cleaning and providing hygiene for shelters walls, ground and all open areas. Especially use as a dipping liquid in the last rinse water in the milking parlors. Also cleaning of the milking clusters just before putting on to another animal. Use safely for providing hygiene to all kind of milking parlor equipments, in the hoof and car' wheels pools.

**Components and Technical Details:**

- ✓ Includes Peracetic Acid < 5% (+/- 2) Hydrogen Peroxide < 25% (+/-2) surfactant agents (Surfactants).
- ✓ Transparent colored solution with pungent vinegar odor.

**Important considerations before use:**

Wear suitable protective clothing and gloves. Clean the rough dirt before use. Don't use on unknown surfaces.

**Feeding instruction:** Dezinfex Doxi 351 is a concentrated product and diluting is recommended before use.

- ✓ **Prewashing; must be diluted by 1/200 and for each m2 surface put by 0,4 liter.**
- ✓ **Disinfection of milking clusters;** must be diluted by 1/100.
- ✓ **Ground, equipment, hoof and Wheel pools;** must be diluted by 1/100.
- ✓ **To the final rinse water;** must be diluted by 1/200.
- ✓ **Disinfection of water;** must put into by 1/500.

If water is hard, increasing the addition rate is recommended.

**Storage, transport and security:** Keep away from incompatible substances and don't use with acid based products. Keep only in the original container. Keep container closed and in a clean, cool, and well ventilated place away from heat, flammable materials and intense light. Avoid residues of the product on the containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Undiluted form is harmful for skin and eyes, use protective glass and mask.

**Packaging:** 5, 20, 220, 1000 liters.

**Shelf Life:** 1 year from date of production.

Dezinfex Doxi 351 is a licenced product of ROYAL ILAC.

# Dezinfex DLDT 371



Public area detergent for cleaning and providing hygiene of dairy farm walls, grounds and all kind of surfaces. Also called shelter area disenfectant.

**Usage Areas:** Designed for cleaning and provides sanitation for shelters walls, ground and all open areas, equipments that use in dairy farms; transportation materials, disinfection halls, poultry, hencoops, hatchery and equipments used here, hencops of diseased animals, milking waiting area, slaughterhouse, cold storage, clinics, surgy and disinfect the animal hospitals.

## Components and Technical Details:

✓ Includes Glutaraldehyde 15%, Benzalkonium Chloride 10%.

## Important considerations before use:

Wear suitable protective clothing and gloves. Clean the rough dirt with water before use. Dont use on the unknown surfaces.

**Feeding instruction:** Dezinfex DLDT 371 is a concentrated product and diluting is recommended before use.

- ✓ In general disenfections: Must be diluted by 1/150 and for each m2 surface put by 0,3 liter. While in case of disease in the hencoop to use as pulverization; must be diluted by 1/150 and for each m2 surface put by 1 liter.
- ✓ In case of foot-and-mouth disease, foot rot and pyethen; must be diluted by 1/50 and used externally.
- ✓ Hoof and disinfection hole; must be diluted by 1/150 and use.

**Storage, transport and security:** Keep away from incompatible substances and dont use together with acid based products. Keep only in the original container. Keep container closed and in a clean, cool, and well ventilated place away from heat, flammable materials and intense light. Avoid residues of the product on the containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Undiluted form is harmful for skin and eyes, use protective glass and mask.

**Packaging:** 5, 20, 220, 1000 liters.

**Shelf Life:** 2 years from date of production.

Dezinfex DLDT 371 is a licenced product of ROYAL ILAC.

# Fumi Block

## *Fumigation Disinfectant*

### Definition:

In livestock enterprises, especially in poultry coops; Disinfectant with fumigation feature which is used with the purpose of reaching every corner of the shelters and providing disinfection.

### Problem:

With the classical water disinfection process, slits, cracks, tools and equipment used cannot be completely disinfected.

### Solution FumiFormal:

Fumi Block is an effective disinfection by fumigation method for this purpose. It provides the possibility of disinfect slits, pads, cracks on the floor and wall, tools and equipment which can't be reached by conventional method.

### Components and technical details:

Formaldehyde 37,5%, Excipient 62,5%

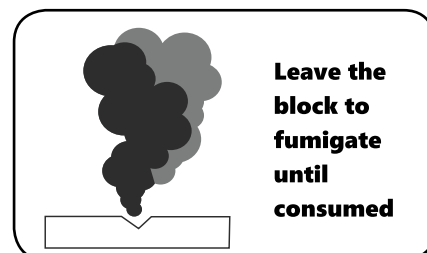
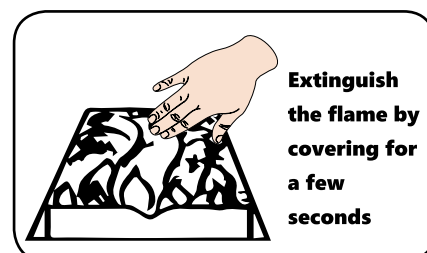
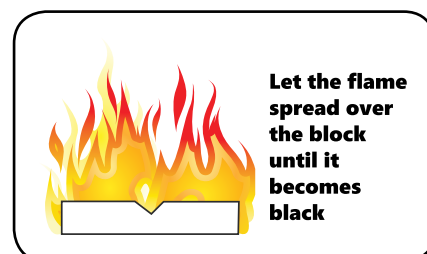
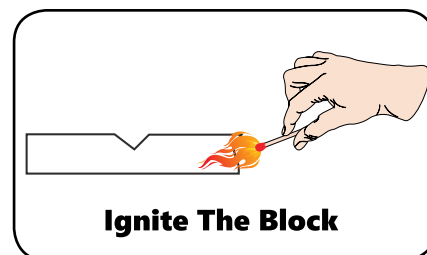
### Feeding instruction:

Since it's using incense method, the volume of the area that needs to be disinfected needs to be calculated. One Fumi Block tablet is sufficient for 400 cubic meters of volume. The practitioner wearing a protective mask and gloves will ignite the tablet and wait for the tablet to be covered with flames on all sides. Afterwards the tablet is extinguished and the tablet continues a flameless burning and provides smoke. At this stage, all doors and windows must be closed. (Very Important)

The tablet continues to provide smoke for about 15-20min. The practitioner must leave the room/area which needs to be contaminated for at least for 8hrs. After the minimum time has elapsed, the room/area must be ventilated properly and after the smell of Fumi Block has disappeared, the room/area is usable again.

### Important points to note before and after FumiFormal use:

Use Fumi Block only with protective mask and gloves. Keep unreachable from children. Known to be harmful if swallowed. Shouldn't be inhaled for a long time. May irritate eyes and respiratory tract. Contact with skin may be irritating and should be washed with plenty of water.



# Dezinfex DCLR Plus 337



An alkali based liquid detergent with high bubbling foam; suitable for cold water and hot water cleaning technics, includes chlorine. Specifically designed for cleaning and hygiene the public areas, surfaces of integrated milking systems, milk tanks, milking **clusters and equipments**.

**Usage Areas:** Designed for cleaning and providing hygiene for surface of all public areas require foamed cleaning such as bulk tanks, milk silos, farm equipments, surfaces of milking clusters, pipes, walls and ground of farms.

## Components and Technical Details:

- ✓ Includes Sodium Hydroxide < 15% Sodium Hypochlorite < 15% foaming surfactant agents (Surfactants), surface protectors and chelating agents to maintain the effectiveness of hard water.
- ✓ No Nitrate and Phosphate.
- ✓ Transparent colored solution.
- ✓ pH 12 – 13.

## Important considerations before use:

Wear suitable protective clothing and gloves. Wet and clean the rough dirt with hot water (50 – 60 C) and soak the surface.

**Feeding instruction:** Dezinfex DCLR 337 must be diluted with water by 1 to 2% (1 or 2 teaglass for 10 liters of water ). For pressured machines usage rate must be less than 2-3%. Especially apply with foaming machine and spray on the surfaces then wait 10 – 15 minutes, results will be quite effective. Use sponge or brush for manuel applications and foam the surfaces to clean fats, dirt and residues. Using hot water is recommended to get best results (water must not be hooter than 70 C)

Storage, transport and security: Keep away from incompatible substances and don't use with acid based products. Keep only in the original container. Keep container closed and in a clean, cool, and well ventilated place away from heat, flammable materials and intense light. Avoid residues of the product on the containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Undiluted form is harmful for skin and eyes, use protective glass and mask.

**Packaging:** 5, 20, 220, 1000 liters.

**Shelf Life:** 6 months from date of production.

DEzinfex DCLR Plus 337 is a licenced product of ROYAL ILAC.

# Dezinfex FALKA Ultra 335



Intensive alkali based long cling foam concentrated liquid detergent for manual cleaning of bulk tanks, milk silos, farm equipments, surfaces of milking clusters, pipes and other equipments.

**Usage Areas:** Designed for cleaning and providing hygiene for surface and all public areas require foamed cleaning such as bulk tanks, milk silos, farm equipments, surfaces of milking clusters, pipes and other equipments.

**Components and Technical Details:**

✓ Includes Sodium Hydroxide < 40% foam maker surfactant agents (Surfactants),

surface protectors and chelating agents to maintain the effectiveness of hard water.

- ✓ No Chlorine, Nitrate and Phosphate.
- ✓ Transparent colored solution.
- ✓ pH 12 – 13.

**Important considerations before use:**

Wear suitable protective clothing and gloves. Wet and clean the rough dirt with hot water (50 – 60 C) and soak the surface.

**Feeding instruction:** Dezinfex Falka Ultra 335 must be diluted in to water by 1 to 4 (1 or 4 teaglass for 10 liters of water). For pressured machines usage rate must be less than 2-3%. Especially apply with foaming machine and spray on the surfaces then wait 10 – 15 minutes, results will be quite effective. Use sponge or brush for manual applications and foam the surfaces to clean fats, dirt and residues. Using hot water is recommended to get best results (water must not be hotter than 70 C)

Storage, transport and security: Keep away from incompatible substances and don't use together with acid based products. Keep only in the original container. Keep container closed and in a clean, cool, and well ventilated place away from heat, flammable materials and intense light. Avoid residues of the product on the containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Undiluted form is harmful for skin and eyes, use protective glass and mask.

**Packaging:** 5, 20, 220, 1000 liters.

**Shelf Life:** 1 year from date of production.


Dezinfex FALKA Ultra 335 is a licensed product of ROYAL ILAC.






## Royal Avian Products



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'Cornerstone of Livestock'