

# LIVESTOCK

SALT- AND MINERAL LICKS  
LICKING BUCKETS  
PECK- AND GNAWING BLOCK



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# PROBIOTIC

Mineral feed for cattle, horses, sheep and goats



## Lick block with live yeast Levucell®

The PROBIOTIC mineral lick improves the digestion and the immune system thanks to specific live yeast.

### Benefits:

- Live yeast increases the fibre digestion, which leads to higher feed efficiency and higher milk production
- Lowers the risk of laminitis for horses
- Reduces the symptoms of metabolic acidosis so the level of milk production can be improved
- Strengthens the immune system
- Increases fertility
- Higher quality of the colostrum

### Live yeast increases the fiber digestion

With the live yeasts in PROBIOTIC a higher digestibility of the fibre structure of hay or straw is achieved. The digestion of hay requires a very high activity level of the digesting bacteria located in the colon. The cellulose-splitting microorganisms are stabilized by the added live yeast and thus an improved digestive activity can be reached. Especially animals with a tendency to fecal water, mostly when switching from pasture to hay and straw, can benefit from feed supplement with live yeast.



MADE IN EU

Available in:

3kg

5kg

10kg

## Mineral feed for cattle

### Analytical ingredients:

35,1% sodium, 1,65% calcium, 1,05 % phosphorus, 0,46% magnesium

### Composition:

sodium chloride, dicalcium phosphate, calcium carbonate, magnesium oxide, molasses

### Additives/kg:

2.000 mg copper (sulfate (II) pentahydrate) (3b405), 1.240mg iron (sulphate monohydrate (II)) (3b103), 365mg manganese (oxide) (3b502), 195mg zinc (oxide) (3b603), 80mg iodine (coated granulated calcium iodate anhydrous) (3b203), 35mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 10mg selenium (coated granulated sodium selenite) (3b802), 20.000 IU vitamin A (3a672a), 3.300 IU vitamin D3 (3a671), 28,5 mg vitamin E (3a700)

### Zootechnical additives:

$4 \times 10^9$  cfu live yeast (saccharomyces cerevisiae CNCM I – 1077) (4b1711)

## Mineral feed for sheep and goats

### Analytical ingredients:

35,5% sodium, 1,65% calcium, 1,05% phosphorus, 0,46% magnesium

### Composition:

sodium chloride, dicalcium phosphate, calcium carbonate, magnesium oxide, molasses

### Additives/kg:

1.240mg iron (sulphate monohydrate (II)) (3b103), 365 mg manganese (oxide) (3b502), 195mg zinc (oxide) (3b603), 80 mg iodine (coated granulated calcium iodate anhydrous) (3b203), 35 mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 10mg selenium (coated granulated sodium selenite) (3b802), 20.000 IU vitamin A (3a672a), 3.300 IU vitamin D3 (3a671), 28,5 mg vitamin E (3a700)

### Zootechnical additives:

$10 \times 10^9$  cfu Live yeast (Saccharomyces cerevisiae CNCM I – 1077) (4b1711)

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# HerbaBlock

Mineral feed for horses, cattle, sheep, goats and deer



## Mineral lick with wild herbs for an intestinal ambience hostile to worms

The HerbaBlock is enriched with a special herbal mixture and thus naturally strengthens the intestinal environment against a worm population. In addition to salt and trace elements certain herbs are absorbed, which make the intestinal environment worm-unfriendly due to their high content of bitter and tanning substances. In wild living animals these substances, which are ingested via plants and herbs, help to prevent excessive or pathological worm infestation through healthy nutrition. Therefore, in order to have less of a reason for chemical worming treatments, the animals' intestines should be strengthened and supported with appropriate herbs.

Our HerbaBlock is doping-free due to German FN "anti doping and medication control rules" (ADMR).

### Effects and benefits:

- Strengthens the intestine for a worm-unfriendly intestinal environment
- Supports a healthy diet with help of special herbs
- May help reduce the need for chemical worming treatments
- Supports metabolism and general well-being
- May help prevent deficiency diseases



MADE IN EU

Available in:

3kg

5kg

10kg



### Analytical ingredients:

37,5% sodium (Na), 0,5% calcium (Ca), 0,35% magnesium (Mg)

### Composition:

sodium chloride, herb mix 1% (pumpkin seeds, walnut leaves, male fern herb, southernwood herb, coriander, wild garlic, dandelion herb), calcium carbonate, magnesium oxide, molasses 0,2%

### Additives / kg:

930mg iron (sulphate monohydrate (II)) (3b103), 273mg manganese (oxide) (3b502), 145mg zinc (oxide) (3b603), 60mg iodine (coated granulated calcium iodate anhydrous) (3b203), 25mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 7,5mg selenium (coated granulated sodium selenite) (3b802)

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# ANTI - INSECT

Mineral feed for cattle, sheep and goats



## Lick block with insect deterrent effect plus vitamins

The ANTI-INSECT is a special, patented mineral lick with natural active ingredients to deter insects. The special formula can help to keep flies, mosquitoes, fleas and other harmful insects away. In addition, the animal is supplied with minerals, trace elements and vitamins according to their individual needs.

### Benefits:

- Protection against insects, which are hazardous to health, like flies, mosquitoes and fleas
- Supports the blood circulation and prevents arterial thrombosis
- Strengthens the immune system
- Reduces vulnerability for bacterial disease
- Supports a neutral pH in the stomach
- Protection against cell damages (e.g. caused by harmful environmental influences) through antioxidant minerals like iron, selenium, zinc, manganese and Vitamin E
- Improves digestion and metabolism



MADE IN EU

Available in:

3kg

5kg

10kg

### Analytical ingredients:

37,5% sodium, 0,79% calcium, 0,35% magnesium, 0,25% phosphorus

### Composition:

sodium chloride, calcium carbonate, dicalcium phosphate, magnesium oxide, garlic based essential oils, molasses (0,3%)

### Nutritional Additives / kg:

930mg iron (sulphate monohydrate (II)) (3b103), 273mg manganese-(II)-oxide (3b502), 145mg zinc (oxide) (3b603), 60mg iodine (coated granulated calcium iodate anhydrous) (3b203), 25mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 7,5mg selenium (coated granulated sodium selenite) (3b802), 15.000 IU vitamin A (3a672a), 2.500 IU vitamin D3 (3a671), 21,3 IU vitamin E (3a700)

### Sensory additives:

natural flavourings



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# ANTI - KETOSIS

Mineral feed for cattle, sheep and goats



## Lick block for the prevention of ketosis

Ketosis is considered as one of the most common metabolic disorders in dairy cows, but it also occurs in other ruminants. In most cases the disorder of carbohydrate metabolism occurs at the beginning of lactation, due to an energetic deficiency. For the production of milk (especially after calving), animals have a greatly increased energy requirement. If the diet does not meet the energy requirements, a state of ketosis may occur. The animals appear less active, eat less, give less milk and fertility deteriorates significantly.

The propylene glycol (PG) contained in the ANTI-KETOSIS mineral lick is used for therapy as well as for prophylaxis of ketosis. Propylene glycol has multiple effects on rumen fermentation and liver metabolism.

The addition of propylene glycol leads to an improved energy balance in early lactation. The anti-ketogenic effect of this lick reduces the risk for clinical and subclinical ketosis.



Available in:

5kg

10kg



MADE IN EU

## Benefits:

- Improves the energy metabolic process
- Improves glucose reserves immediately before and after giving birth
- Has a positive effect on hormonal balance
- Reduces the symptoms of ketosis
- Prevents a decrease in milk production
- Reduces the risk of other disorders in the metabolic process
- Reduces problems with reproduction / fertility

## Analytical ingredients:

36,7% sodium, 0,83% calcium, 0,31% magnesium, 0,22% phosphorus

## Composition:

sodium chloride, dicalcium phosphate, calcium carbonate, magnesium oxide, molasses, monopropylene glycol, glycerol

## Additives/kg:

930mg iron (sulphate monohydrate (II)) (3b103), 273mg manganese (oxide) (3b502), 145mg zinc (oxide) (3b603), 60mg iodine (coated granulated calcium iodate anhydrous) (3b203), 25mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 7,5mg selenium (coated granulated sodium selenite) (3b802), 15.000 IU vitamin A (3a672a), 2.500 IU vitamin D3 (3a671), 21,3 mg vitamin E (3a700), 375mg niacin (Nicotinic acid) (3a314)

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# ANTI - ACIDOSIS

Mineral feed for cattle, sheep and goats



## Lick block for the prevention of rumen acidosis

Rumen acidosis is a digestive disorder caused by a reduction of the pH level in the rumen. This can have a negative impact on the health and performance of the animal and in severe cases can even lead to the death of the animal.

The sodium bicarbonate contained in the ANTI-ACIDOSIS mineral block, in addition to feeding sufficient hay, is recommended for both, prophylaxis as well as therapy of rumen acidosis. Therefore, the ANTI-ACIDOSIS lick is suitable for the prevention of rumen acidosis.

## Benefits:

- Supports the maintenance of the optimal pH level in the rumen
- Can reduce the symptoms of metabolic acidosis
- Increases the fat content of the milk
- May have an appetite stimulating effect and thus increase daily feed intake
- May reduce the incidence of other metabolic disorders



Available in:

5kg

10kg



MADE IN EU

## Analytical ingredients:

34,6% sodium, 0,88% calcium, 0,32% magnesium, 0,23% phosphorus

## Composition:

sodium chloride, sodium bicarbonate, calcium carbonate, dicalcium phosphate, magnesium oxide, molasses

## Additives/kg:

930mg iron (sulphate monohydrate (II)) (3b103), 273mg manganese (oxide) (3b502), 145mg zinc (oxide) (3b603), 60mg iodine (coated granulated calcium iodate anhydrous) (3b203), 25mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 7,5mg selenium (coated granulated sodium selenite) (3b802), 15.000 IU Vitamin A (3a672a), 2.500 IU Vitamin D3 (3a671), 21,3 mg Vitamin E (3a700)

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# ANTI - STONE

Mineral feed for cattle, sheep and goats



## Lick block for the prevention of urolithiasis

Urolithiasis is one of the most common diseases in rams and goats, but can generally affect all ruminants and, if left untreated, usually leads to the death of the animal. The metabolic disease is mainly due to the diet of the animals. Feeding very cereal-rich rations with an inverse calcium-phosphorus ratio and an excessively high magnesium content promote the occurrence of the disease.

The mineral block ANTI-STONE supports the maintenance of the correct ratio of calcium and phosphorus of 2:1 and can thus act preventively against urolithiasis.

## Benefits:

- Has a preventive effect against urolithiasis
- Supports normal urination of the animal
- To support the maintenance of an optimal calcium and phosphorus ratio of 2:1



Available in:

5kg

10kg



MADE  
IN EU

## Analytical ingredients:

35,75% sodium, 0,46% calcium, 0,35% magnesium, 0,23% phosphorus

## Composition:

sodium chloride, ammonium chloride, calcium carbonate, dicalcium phosphate, magnesium oxide, molasses

## Additives/kg:

930mg iron (sulphate monohydrate (II)) (3b103), 273mg manganese (oxide) (3b502), 145mg zinc (oxide) (3b603), 60mg iodine (coated granulated calcium iodate anhydrous) (3b203), 25mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 7,5mg selenium (coated granulated sodium selenite) (3b802), 15.000 IU Vitamin A (3a672a), 2.500 IU Vitamin D3 (3a671), 21,3mg Vitamin E (3a700)

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# CALFBLOCK

Mineral feed for calves



## Lick block for calves

This mineral lick was specially developed for calf rearing. Due to its high level of calcium, phosphorus and vitamin D, the lickstone can strengthen the bone structure and supports the bone formation.

The special formula with high content of vitamins of the B-complex (B1, B2, B6, B12) and vitamin E promotes growth and muscle development.

The CALFBLOCK provides the young animals with easily digestible energy through milk powder and its fat content in a addition to having a positive effect on the pH value in the rumen.

## Benefits:

- Increases the calf's appetite and promotes the intake of grains and roughage
- Supports and strengthens the immune system of the calf
- Improves skin and hair condition and thus the appearance of the animal due to the content of A vitamins
- Promotes growth and muscle development due to its high content of B-complex vitamins and vitamin E
- Gives the growing calf all the minerals it needs for the best growth and development results
- Promotes the stabilization of the pH value in the rumen
- Supports positive bone development
- Easily digestible source of energy with milk powder



Available in:

5kg

10kg



MADE IN EU

## Analytical ingredients:

29% sodium, 7% calcium, 1,5% magnesium, 0,55% phosphorus

## Composition:

sodium chloride, magnesium oxide, calcium carbonate, dicalcium phosphate, milk powder, vegetable fat, molasses (0,2%)

## Additives/kg:

4.000mg zinc (oxide) (3b603), 2.000mg manganese (manganese-(II)-oxide) (3b502), 1.500mg iron (ferrous sulfate monohydrate(II)) (3b103), 500mg copper (copper-(II)-sulfate pentahydrate) (3b405), 80mg iodine (granulated calcium iodate, coated, anhydrous) (3b203), 60mg cobalt (granulated cobalt-(II)-carbonate, coated) (3b304), 10mg selenium (granulated sodium selenite, coated) (3b802), 15.250 IU vitamin A (3a672a), 2.575 IU vitamin D3 (3a671), 73mg vitamin E (3a700), 90mg vitamin B1 (3a821), 40mg vitamin B6 (3a831), 1.9mg vitamin B12, 125mg nicotinic acid (niacin) (3a314), 110mg calcium D-pantothenate (3a841), 25.5mg biotin (3a880), 3mg vitamin C (3a300), 0.1mg vitamin B2 (3a825ii), 0.02mg vitamin K3 (3a711)



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# Super MAG

Mineral feed for cattle, sheep and goats



## Lick block with magnesium, calcium and phosphor

Magnesium is one of the most important minerals and is stored not only in the muscles, but together with calcium and phosphorus also in the bones (about 12% magnesium content) and teeth. Magnesium is considered as a key element for muscle formation, muscle metabolism and thus for loose and well working muscles.

The mineral lick SuperMAG with its special combination of magnesium, calcium, phosphorus and other minerals is an ideal source for compensating an increased magnesium requirement. This is especially important for young animals, in stressful situations, weather-sensitive animals and older animals.

A good magnesium supply is often not guaranteed by basic feed. The SuperMAG lick is perfect for ensuring a sufficient supply of magnesium, especially during grazing periods.

The high share of magnesium in SuperMAG can have a positive effect on the birth of healthy calves, lambs and foals.

SuperMAG can be used in an ecological production according to EG-organic farming regulation 889/2008 + 848/2018 VO (EG).



MADE IN EU

Available in:

3kg

5kg

10kg



## Benefits:

- Relaxed and healthy muscles
- Vital and relaxed animals
- Avoids colic based on tense muscles
- Healthier new-borns
- Increased fertility
- Higher quality of colostrum
- Improved immune system, e.g. against grass staggers
- Compensates the deficit of magnesium especially during pasture periods

## Analytical ingredients:

30% sodium, 4,6% calcium, 2,36% magnesium, 1,05% phosphorus

## Composition:

sodium chloride, magnesium oxide, calcium carbonate, dicalcium phosphate, molasses (0,3%)

## Nutritional Additives / kg:

6.000mg zinc (oxide) (3b603), 1.000mg manganese-II-oxide (3b502), 700mg iodine (coated granulated calcium iodate anhydrous) (3b203), 280mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 25mg selenium (coated granulated sodium selenite) (3b802)



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# BIOTIN + plus

Mineral feed for cattle, sheep and goats



## Lick block with BIOTIN and Vitamin E

The mineral lick BIOTIN + plus supports the daily food intake ideally with salt, trace elements and biotin.

Biotin has a positive effect on the structure and resilience of the hoof and fur, which is proved by scientific evidence. Biotin promotes the formation of keratin and thus has a positive effect on the hoof health as the hoof horn is strengthened.

The key ingredient of the BIOTIN + plus mineral lick is high-quality Mediterranean Sea salt with natural iodine enriched with trace elements, vitamins and biotin.

## Benefits:

- Biotin for hoof health and high fur quality
- Strengthens the immune system
- Improve skin health
- For cows: protection against mastitis
- Improvement of the milk quality and increased milk production



**SIN HELLAS**  
Salt Inclusive Nutriment

LEADERS IN ANIMAL NUTRITION



**MADE  
IN EU**

Available in:

**3kg**

**5kg**

**10kg**

## Analytical ingredients:

38% sodium, 0,05% calcium, 0,04% magnesium

## Composition:

sodium chloride, calcium carbonate, magnesium oxide, molasses (0,2%)

## Nutritional Additives / kg:

650 mg zinc (oxide) (3b603), 80mg iodine (coated granulated calcium iodate anhydrous) (3b203), 85mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 20mg selenium (coated granulated sodium selenite) (3b802), 1.000mg vitamin E (3a700), 50mg biotin (vitamin H) (3a880)



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# ZINCOBLOCK

Mineral feed for horses, cattle, sheep and goats



## Lick block with zinc, iron, cobalt and selenium

The special combination of zinc, cobalt and selenium makes ZINCOBLOCK ideal for preventing metabolic disorders, skin and coat problems, brittle hoof horn, muscular diseases and fertility problems. ZINCOBLOCK is therefore excellent for promoting healthy skin and growth of healthy hooves and high-quality wool. Due to the positive influence of ZINCOBLOCK on the B12 production the metabolism in the rumen can also be supported.

ZINCOBLOCK can be used in an ecological production according to EG-organic farming regulation 889/2008 + 848/2018 VO (EG).

## Benefits:

- Healthy growth of hoof, horn and coat
- Increased fertility
- Stronger immune system, e.g. against fungal disease
- Better health and growth
- Improvement of feed intake thus higher growth and thrive
- Supports the natural detoxification process of the animals



MADE IN EU

Available in:

3kg

5kg

10kg



## Analytical ingredients:

38% sodium, 0,30% calcium

## Composition:

sodium chloride, calcium carbonate, molasses (0,2%)

## Nutritional Additives / kg:

9000mg zinc (oxide) (3b603), 1400mg iron (sulphate monohydrate (II)) (3b103), 400mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 20mg selenium (coated granulated sodium selenite) (3b802)



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# VITAMIN PLUS *Selen*

Mineral feed for horses, cattle, sheep, goats and deer



## Mineral lick made of natural Mediterranean salt, rich in vitamins plus selenium

The high-quality formula of this lick with selenium in combination with vitamins A, D3 and E has a very positive effect on the immune system and metabolic processes of animals.

Sufficient supply of vitamins and selenium can protect the cells of the animal from harmful influences and support the production of antibodies. Since most soils today are very low in selenium, the selenium content in the basic feed, such as hay and grass, is consequently also too low or deficient. The lick Vitamin Plus Selenium can prevent a deficiency and the health and vitality of the animal can be maintained or increased.

The contained selenium, in inorganic and organic form, has a very high bioavailability to efficiently counteract a selenium deficiency.

### Effect + benefits:

- Can protect the cells of the animal from harmful influences
- Can support the production of anti-bodies
- Counteracts selenium deficiency in animals
- Supports a healthy, balanced diet
- For more vitality and productivity



MADE IN EU

Available in:

3kg

5kg

10kg

### Analytical ingredients:

37,5% sodium (Na), 0,79% calcium (Ca), 0,35% magnesium (Mg), 0,25% phosphorus (P)

### Composition:

sodium chloride, calcium carbonate, dicalcium phosphate, magnesium oxide, molasses (0,2%)

### Nutritional additives / kg:

930mg iron (sulphate monohydrate (II)) (3b103), 273mg manganese (oxide) (3b502), 145mg zinc (oxide) (3b603), 60mg iodine (coated granulated calcium iodate anhydrous) (3b203), 25mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 25mg selenium (coated granulated sodium selenite) (3b802), 10mg selenium (selenomethionine) (3b8.12, organic form), 22.500 IU Vitamin A (3a672a), 3.750 IU Vitamin D3 (3a671), 32mg Vitamin E (3a700)

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# MultiVitamin BRONCHIAL

Mineral feed for cattle, sheep & goats



MADE IN EU

Available in:

3kg

5kg

10kg

Available in green and white.



## Multivitamin mineral lick block with natural essential oils from mint and eucalyptus

The lick block MultiVitamin BRONCHIAL contains minerals, trace elements and vitamins. It is enhanced with natural essential oils from mint and eucalyptus to alleviate and ease respiratory symptoms.

Especially during cold and wet weather many animals suffer from respiratory symptoms and a weakened immune system. The special formula of the lick in combination with its natural essential oils from mint and eucalyptus helps to loosen mucus and has a soothing effect on the inflammatory processes of the respiratory tracts. The rich combination of minerals, trace elements and vitamins strengthen the immune system.

Therefore, the MultiVitamin BRONCHIAL mineral lick is suited to support the respiratory system and the well-being of animals in a natural way.

The lick block is based on food-grade Mediterranean Sea salt with natural iodine.

### Benefits:

- Relief to the respiratory passages
- Helps to loosen mucus
- Strengthening of the immune system
- Supports health and improves physical vitality
- Suited for permanent feeding

### Analytical ingredients:

36,9% sodium, 1,03% calcium, 0,35% magnesium, 0,27% phosphorus

### Composition:

sodium chloride, calcium carbonate, magnesium oxide, dicalcium phosphate, essential oils of mint and eucalyptus, molasses (0,3%)

### Additives / kg:

930mg iron (sulphate monohydrate (II)) (3b103), 273mg manganese-(II)-oxide (3b502), 145mg zinc (oxide) (3b603), 60mg iodine (coated granulated calcium iodate anhydrous) (3b203), 25mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 7,5mg selenium (coated granulated sodium selenite) (3b802), 15.000 IU Vitamin A (3a672a), 2.500 IU Vitamin D3 (3a671), 21,3 IU Vitamin E (3a700)  
Sensory additives: natural flavourings 0,43%



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# ENERGOBLOCK

Mineral feed for cattle, sheep and goats



## Lick block with a special formula of dextrose, vegetable fat, milk powder, minerals and vitamins

With its special combination of dextrose, vegetable fat, milk powder, minerals and vitamins the mineral lick ENERGOBLOCK is supplying a high-level of energy and is suited to compensate the daily loss of energy of grazing animals. Young, pregnant, diseased or weak animals can be strengthened.

ENERGOBLOCK improves the milk quality and increases the milk productivity. It improves fertility and serves as high-quality source of energy.

### Benefits:

- Provides high-level of energy
- Supports weight increase
- Regains energy level of grazing animals
- Strengthens young, pregnant, diseased or weak animals
- Improves fertility
- Richer milk
- Stronger and heavier young animals
- Healthier animals



MADE IN EU

Available in:

3kg

5kg

10kg

Available in red and white.



### Analytical ingredients:

29,4% sodium, 6,87% calcium, 0,54% phosphorus, 0,32% magnesium

### Composition:

sodium chloride, calcium carbonate, dicalcium phosphate, dextrose, milk in powder, vegetable fat, magnesium oxide, molasses (0,3%)

### Additives / kg:

930mg iron (sulphate monohydrate (II)) (3b103), 273mg manganese-II-oxide (3b502), 145mg zinc (oxide) (3b603), 60mg iodine (coated granulated calcium iodate anhydrous) (3b203), 25mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 7,5mg selenium (coated granulated sodium selenite) (3b802), 15.000 IU vitamin A (3a672a), 2.500 IU vitamin D3 (3a671), 21,3 mg vitamin E (3a700)



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# CALCIBLOCK

Mineral feed for cattle, sheep and goats

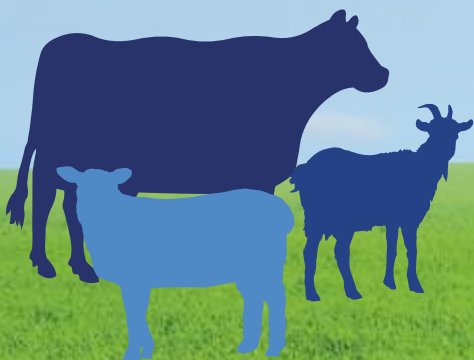


## Lick block with extra calcium, vitamins, phosphor, magnesium and trace elements

With the special HIGH CALCIUM formula in combination with the vitamins A, D3 and E and added minerals and trace elements, this mineral lick performs as the ideal and necessary supplement for all pregnant and lactating animals. At the same time CALCIBLOCK is the best choice for all young animals as it contributes to a healthy and strong bone structure.

### Benefits:

- Strong youngs
- Better pregnancy
- Milk production increasement
- Excellent bone structure and -formation



Available in:

5kg

10kg



MADE IN EU

### Analytical ingredients:

28,4% sodium, 10% calcium, 0,35% magnesium, 0,25% phosphorus

### Composition:

sodium chloride, calcium carbonate, dicalcium phosphate, magnesium oxide, molasses

### Additives/kg:

930mg iron (sulphate monohydrate (II)) (3b103), 273 mg manganese (oxide) (3b502), 145mg zinc (oxide) (3b603), 60mg iodine (coated granulated calcium iodate anhydrous) (3b203), 25mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 7,5mg selenium (coated granulated sodium selenite) (3b802), 15.000 IU Vitamin A (3a672a), 2.500 IU Vitamin D3 (3a671), 21,3mg Vitamin E (3a700)

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# VITBLOCK

Mineral feed for horses, cattle, sheep and goats



## Lick block with vitamins, phosphor, magnesium, calcium and trace elements

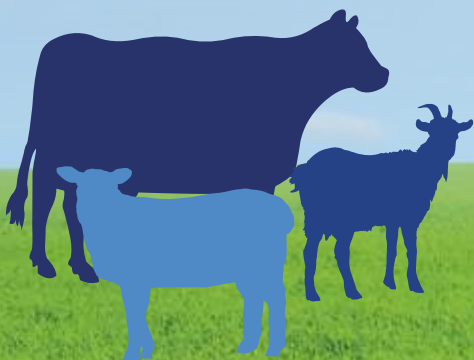
The mineral lick VITBLOCK combines essential vitamins A, D3 and E with minerals and trace elements, making it the ideal supplement to actively strengthen the immune system of animals and improve their general health.

Thus, higher resistance to diseases, higher fertility and better growth can be promoted.

The basic ingredient for VITBLOCK is high-quality food grade Mediterranean Sea salt with natural iodine.

### Benefits:

- Increased fertility
- Stronger immune system
- Higher productivity
- Better health and growth
- Healthy skin and bones



Available in:

5kg

10kg



MADE IN EU

### Analytical ingredients:

37,5% sodium, 0,79% calcium, 0,35% magnesium, 0,25% phosphorus

### Composition:

sodium chloride, calcium carbonate, dicalcium phosphate, magnesium oxide, molasses

### Additives/kg:

930mg iron (Sulphate monohydrate (II)) (3b103), 273mg manganese (oxide) (3b502), 145mg zinc (oxide) (3b603), 60mg iodine (coated granulated calcium iodate anhydrous) (3b203), 25mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 7,5mg selenium (coated granulated sodium selenite) (3b802), 22.500 IU Vitamin A (3a672a), 3.750 IU Vitamin D3 (3a671), 32mg Vitamin (3a700)

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# PREMIUMBLOCK

Mineral feed for cattle, horses, sheep, goats and deer



## Lick block with trace elements and natural Mediterranean Sea salt

Salt and trace elements are the essential parts of daily nutrition and ensure good performance and productivity. PREMIUMBLOCK ideally supplements the daily food with salt and trace elements. Thus, it can contribute to the prevention of deficiency diseases as well as a balanced metabolism and good health in general.

The basic ingredients of the PREMIUMBLOCK are high-quality Mediterranean Sea salt with natural iodine, which has been enriched with trace elements.

The sea salt for our lick blocks is exclusively extracted within the EU and is subject to strict quality control. The production follows the high European environmental and social standards.

PREMIUMBLOCK can be used in an ecological production according to EG-organic farming regulation 889/2008 + 848/2018 VO (EG).



MADE IN EU

Available in:

3kg

5kg

10kg



Available in red and white.



### Analytical ingredients:

38,8% sodium, 0,035% magnesium

### Composition:

sodium chloride, magnesium oxide

### Additives / kg:

93mg iron (sulphate monohydrate (II)) (3b103), 27,3mg manganese-(II)-oxide (3b502), 14,5mg zinc (oxide) (3b603), 6mg iodine (coated granulated calcium iodate anhydrous) (3b203), 2,5mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 0,75mg selenium (coated granulated sodium selenite) (3b802)



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# MEDITERRANEO

Mineral feed for cattle, horses, sheep and goats



## Lick block with natural Mediterranean Sea salt

Salt is the most important mineral for cattle, horses, sheep and goats. The natural salt content of grass and hay does not satisfy the needs of animals.

The MEDITERRANEO salt lick provides high-quality, natural sea salt in food grade quality to the animals.

Salt is instrumentally important for the nervous and muscular systems of animals. Firstly, salt regulates the water absorption of the tissues and thus the fluid balance in the body and prevents dehydration, which in turn reduces the risk of colic. Secondly, salt is also needed for glucose transport between cell membranes. A deficit would lead to fatigue, muscle weakness and loss of performance.

Animals have a natural ability to sense their salt needs and with the help of the MEDITERRANEO lick, they can supply themselves according to their individual needs.

The sea salt for our lick blocks is exclusively extracted within the EU and is subject to strict quality control. The production follows the high European environmental and social standards.

MEDITERRANEO can be used in an ecological production according to EG-organic farming regulation 889/2008 + 848/2018 VO (EG).



MADE IN EU

Available in:

3kg

5kg

10kg



*Analytical ingredients:*  
39% sodium

*Composition:*  
sodium chloride

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# EUROLIX Dairy

Mineral feed for cattle and cows

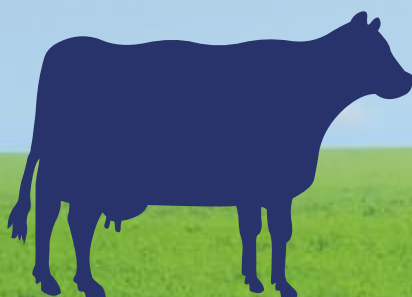


The EUROLIX Dairy mineral bucket is formulated to provide dairy cows with all the necessary minerals and vitamins they need for healthy growth and high productivity.

The mineral lick EUROLIX Dairy can help the animals to cover their needs of minerals in the best possible way, while molasses supplies them with energy for milk production.

Providing a mineral bucket can prevent behavioral problems in animals that occur due to a mineral deficiency, such as eating dirt or licking walls.

With a licking bucket cattle and cows can use the product according to their own needs to get the necessary minerals and vitamins in the required amount.



Available in:

24kg

80kg

#### *Analytical components:*

18% calcium, 3,5% phosphorus, 8,3% sodium, 4% magnesium, 45% crude ash, 8% crude protein

#### *Composition:*

molasses, calcium carbonate, dicalcium phosphate, sodium chloride, magnesium oxide, sodium bentonite, calcite

#### *Nutritional additives per kg:*

3.000mg zinc as zinc oxide (3b603), 2.000mg manganese as manganese oxide (3b502), 1.000mg copper as copper sulfate pentahydrate (3b405), 120mg iodine as calcium iodate, anhydrous (3b202), 20mg selenium as sodium selenite (3b801), 15mg cobalt as cobalt sulfate heptahydrate (3b305), 15mg biotin (3a880), 160.000 I.U. vitamin A (3a672a), 35.000 I.U. vitamin D3 (3a671), 1.000mg vitamin E (3a700)

Also available as an anti-insect variant



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# EUROLIX High Yield

Mineral feed for cattle and cows



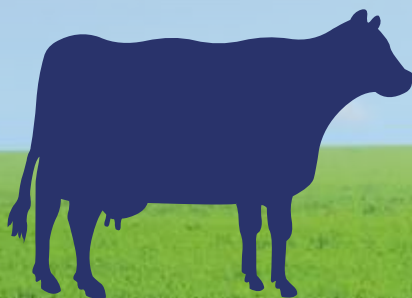
With its extremely nutrient-rich composition the mineral lick EUROLIX High Yield serves to provide cows, which are especially high performing, with all the necessary minerals and vitamins they need for healthy growth and high productivity. Molasses provides them with the necessary energy, for example, for milk production.

The formula contains inorganic and organic minerals to ensure particularly high bioavailability and to meet the mineral requirements in the best possible way.

Providing a mineral bucket can prevent behavioral problems in animals that occur due to a mineral deficiency, such as eating dirt or licking walls.

The lick can have a positive effect on increasing the performance of dairy cows and supports the health of hoof, horn and coat.

As a free choice supplementary feed, the mentioned animals lick this product to get the necessary minerals and vitamins in the required amount.



Available in:

24kg

80kg

#### Analytical components:

18% calcium, 3.5% phosphorus, 8.1% sodium, 4% magnesium, 45% crude ash, 8% crude protein

#### Composition:

molasses, calcium carbonate, dicalcium phosphate, sodium chloride, magnesium oxide, sodium bentonite, calcite

#### Nutritional additives per kg:

5.000mg zinc as zinc oxide (3b603), 130mg zinc, chelated (3b606), 3.000mg manganese as manganese oxide (3b502), 1.200mg copper as copper sulfate pentahydrate (3b405), 20mg copper, chelated (3b406), 200mg iodine as calcium iodate, anhydrous (3b202), 40mg selenium as sodium selenite (3b801), 2mg selenium, organic (3b8. 10) , 35mg cobalt as cobalt sulfate heptahydrate (3b305), 30mg biotin (3a880), 320.000 I.U. vitamin A (3a672a), 70.000 I.U. vitamin D3 (3a671), 1.000mg vitamin E (3a700), 1.000mg vitamin B3 (3a314)

Also available as an anti-insect variant



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# EUROLIX Ultra Beef

Mineral feed for cattle and cows



The EUROLIX Ultra Beef mineral bucket is used to provide cattle with all the necessary minerals and vitamins they need for healthy growth and weight gain.

EUROLIX Ultra Beef can have a positive effect on the animals' metabolism and supports the health of hoof, horn and coat.

With a licking bucket cattle and cows can lick the product according to their own needs to absorb the necessary minerals and vitamins in the required amount. Providing a licking bucket can prevent behavioral problems in animals that occur due to a mineral deficiency, such as eating dirt or licking walls.



Available in:

24kg

80kg

#### *Analytical components:*

18% calcium, 3,5% phosphorus, 8,3% sodium, 4% magnesium, 45% crude ash, 8% crude protein

#### *Composition:*

molasses, calcium carbonate, dicalcium phosphate, sodium chloride, magnesium oxide, sodium bentonite, calcite

#### *Nutritional additives per kg:*

2.000mg zinc as zinc oxide (3b603), 2.000mg manganese as manganese oxide (3b502), 1.000mg copper as copper sulfate pentahydrate (3b405), 120mg iodine as calcium iodate, anhydrous (3b202), 20mg selenium as sodium selenite (3b801), 15mg cobalt as cobalt sulfate heptahydrate (3b305), 15mg biotin (3a880), 100.000 I.U. vitamin A (3a672a), 20.000 I.U. vitamin D3 (3a671), 1.000mg vitamin E (3a700)

Also available as an anti-insect variant



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# EUROLIX Respiratory

Mineral feed for cattle and cows



The licking bucket EUROLIX Respiratory not only serves to provide cattle with all necessary minerals and vitamins, but also has a positive effect on the respiratory system, thanks to the contained essential oils of mint and eucalyptus.

The lick can strengthen the animals' immune system and supports the respiratory functions.

With EUROLIX Respiratory cattle and cows can lick the product according to their own needs to absorb the needed minerals and vitamins in the required amount. Providing a licking bucket can prevent behavioral disorders of animals that occur due to a mineral deficiency, such as eating dirt or licking walls.

#### Effect + benefits:

- Relief of respiratory system
- Essential oils have a beneficial effect on the respiratory tract
- Strengthens the immune system
- Serves as an additional source of energy
- Supports the maintenance of a neutral pH value of the stomach



Available in:

24kg

80kg

#### Analytical components:

16,5% calcium, 2,0% phosphorus, 8,3% sodium, 3% magnesium, 45% crude ash, 8% crude protein

#### Composition:

molasses, calcium carbonate, dicalcium phosphate, sodium chloride, magnesium oxide, sodium bentonite, calcite, essential oils of mint and eucalyptus

#### Nutritional additives per kg:

1.500mg zinc as zinc oxide (3b603), 1.000mg manganese as manganese oxide (3b502), 1.000mg copper as copper sulfate pentahydrate (3b405), 10mg iodine as calcium iodate, anhydrous (3b202), 10mg selenium as sodium selenite (3b801), 30.000 I.U. vitamin A (3a672a), 5.000 I.U. vitamin D3 (3a671), 3.000mg vitamin E (3a700), 3.000mg vitamin C (3a300), 150mg vitamin B1 (3a821), sensory additives: natural flavors

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# PREMIUMLIX Supreme

Mineral feed for sheep and goats



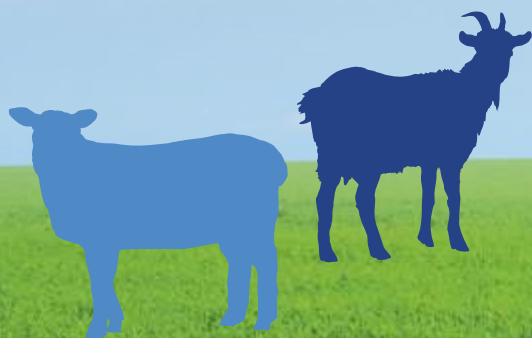
Thanks to its unique and high-quality composition, the licking bucket PREMIUMLIX Supreme provides sheep and goats with all the necessary minerals and vitamins they need for healthy growth and high productivity. The contained molasses serves as an additional energy supplier for milk production.

This premium lick has been specially developed for sheep and goats, taking into account their needs for minerals and trace elements. With the licking bucket PREMIUMLIX Supreme an increase in performance, weight and growth can be achieved and the possibility of foot, hoof and skin problems can be prevented.

As a free choice supplement, sheep and goats can lick this product to get the needed minerals and vitamins in the required amount. Providing mineral licks can help to prevent behavioral disorders such as eating dirt or licking walls which occur due to a mineral deficiency.

#### Effect + benefits:

- Helps to increase milk production and milk quality
- Supports the improvement of fertility and health
- Can lead to weight gain
- Healthy horn and coat
- Supports a healthy digestion
- Improvement of wool quality in sheep



Available in:

12kg

24kg

#### Analytical components:

16,3% calcium, 1,5% phosphorus, 8% sodium, 5% magnesium, 45% crude ash, 8% crude protein

#### Composition:

molasses, calcium carbonate, dicalcium phosphate, sodium chloride, magnesium oxide, sodium bentonite, calcite

#### Nutritional additives per kg:

5.000mg zinc as zinc oxide (3b603), 250mg zinc, chelated (3b606), 2.500mg manganese as manganese oxide (3b502), 100mg iodine as calcium iodate, anhydrous (3b202), 80mg cobalt as cobalt sulfate heptahydrate (3b305), 120mg selenium as sodium selenite (3b801), 160.000 I.U. vitamin A (3a672a), 32.000 I.U. vitamin D3 (3a671), 1.000mg vitamin E (3a700), 200mg vitamin B3 (3a314)

Also available as an anti-insect variant



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# PREMIUMLIX MultiVit

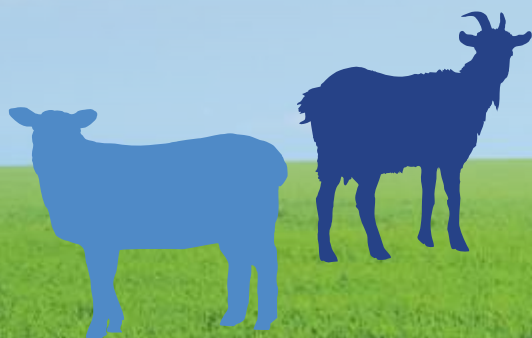
Mineral feed for sheep and goats



The licking bucket PREMIUMLIX MultiVit is formulated to supply sheep and goats with all necessary minerals and is additionally enriched with a mixture of vitamins they need for healthy growth and high productivity, while molasses provides them with the necessary energy for milk production.

PREMIUMLIX MultiVit can help to increase performance, improve weight and growth, and reduce the possibility of foot, hoof and skin problems.

As a free-choice supplement, sheep or goats lick this product to get the necessary minerals and vitamins in the required amount. Providing a mineral lick can prevent behavioral disorders of animals caused by mineral deficiency, such as eating dirt or licking walls.



Available in:

12kg

24kg

#### Analytical components:

15,5% calcium, 0,8% phosphorus, 8% sodium, 0,5% magnesium, 45% crude ash, 8% crude protein

#### Composition:

molasses, calcium carbonate, dicalcium phosphate, sodium chloride, magnesium oxide, sodium bentonite, calcite

#### Nutritional additives per kg:

2.000mg zinc as zinc oxide (3b603), 1.000mg manganese as manganese oxide (3b502), 80mg iodine as calcium iodate, anhydrous (3b202), 40mg cobalt as cobalt sulfate heptahydrate (3b305), 10mg selenium as sodium selenite (3b801), 60.000 I.U. vitamin A (3a672a), 12.000 I.U. vitamin D3 (3a671), 1.000mg vitamin E (3a700), 200mg vitamin B1 (3a821), 1mg vitamin B12 (3a835)

Also available as an anti-insect variant



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# PREMIUMLIX Respiratory

Mineral feed for sheep and goats

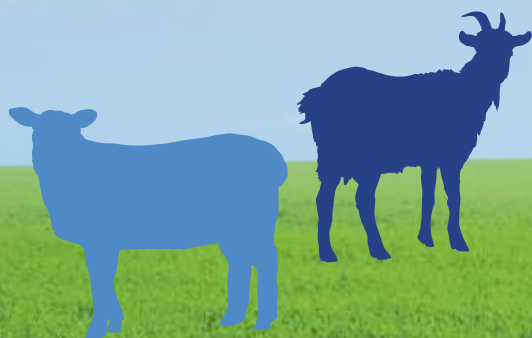


The mineral bucket PREMIUMLIX Respiratory not only helps to provide goats and sheep with all necessary minerals and vitamins, but also has a positive effect on the respiratory system, thanks to the contained essential oils of mint and eucalyptus.

PREMIUMLIX Respiratory can strengthen the animals' immune system and supports respiratory functions.

With a licking bucket goats and sheep can use the lick according to their own needs to absorb the necessary minerals and vitamins in the required amount. Providing a mineral bucket can prevent behavioral disorders of animals that occur due to a mineral deficiency, such as eating dirt or licking walls.

- **Effect + benefits:**
- Relief of respiratory system
- Essential oils have a beneficial effect on the respiratory tract
- Strengthens the immune system
- Serves as an additional source of energy
- Supports the maintenance of a neutral pH value of the stomach



Available in:

12kg

24kg

#### *Analytische Bestandteile:*

16,8% Calcium, 2% Phosphor, 8,3% Natrium, 3% Magnesium, 45% Rohasche, 8% Rohprotein

#### *Zusammensetzung:*

Melasse, Calciumcarbonat, Dicalciumphosphat, Natriumchlorid, Magnesiumoxid, Natriumbentonit, Calcit, ätherische Öle aus Minze und Eukalyptus

#### *Ernährungsphysiologische Zusatzstoffe je kg:*

1.500mg Zink als Zinkoxid (3b603), 1.000mg Mangan als Manganoxid (3b502), 10mg Jod als Calciumjodat, wasserfrei (3b202), 10mg Selen als Natriumselenit (3b801), 30.000 I.E. Vitamin A (3a672a), 5.000 I.E. Vitamin D3 (3a671), 3.000mg Vitamin E (3a700), 3.000mg Vitamin C (3a300), 150mg Vitamin B1 (3a821), 0,2mg Vitamin B12 (3a835), sensorische Zusatzstoffe: natürliche Aromen

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# ULTRA PECK

Poultry pecking block



## POULTRY PECKING BLOCK

ULTRA-PECK is a high-quality pecking block with natural ingredients such as calcium carbonate, molasses, oyster shell meal, sea salt, minerals and vitamins. ULTRA-PECK serves as a food supplement with a very high nutritional value, which meets the birds needs for pecking at the same time.

Feed pecking reduces excessive beak growth and can help to prevent feather pecking or cannibalism plus other unusual behavior.

The rich formula supports healthy growth and promotes increased productivity.

Use ULTRA PECK in both, home-based small-scale farming as well as in high-efficiency professional farming. ULTRA PECK allows birds to continuously pursue their instinctive need to peck, so well-being can be improved and stress avoided.

ULTRA PECK can be used as FREE WILL SUPPLEMENT to all kinds of poultry like:

- Chicken / hens / laying hens
- Turkeys
- Geese
- Other wild or forest birds



Available in:

7,5kg

12kg

Available from 2023

## Effect + benefits:

- Rich calcium formula combined with a high content of trace elements and minerals
- Has a positive effect on bone structure, feather formation and metabolism
- Improves nutritional and health status
- Keeps birds occupied, by allowing them to continuously satisfy the need to peck
- Reduces excessive growth of the beaks

Recommended supply of approximately 1 ULTRA PECK of 7.5kg per 50 birds (hens).

7.5 kg buckets, 12kg buckets

## Analytical constituents:

17,5 % calcium, 2,4 % phosphorus, 5,1 % sodium, 3,99% magnesium, crude ash 45%, crude protein 8%

## Composition:

magnesium oxide, sodium chloride, calcium carbonate, monocalcium phosphate, molasses (~15%), corn flakes, rye, oyster shells

## Additives/kg:

2.050mg iron (iron sulphate), 510mg manganese (manganese oxide) (3b502), 360mg zinc (zinc oxide) (3b603), 160mg copper (copper sulphate pentahydrate) (3b405), 115mg iodine (calcium iodate anhydrous) (3b202), 4,6mg selenium (sodium selenite) (3b801), 10.000 I.U. vitamin A (3a672a), 2.000 I.U. vitamin D3 (3a671), 20mg vitamin E(3a700)

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# ENERGOROLL

Gnawing block for rabbits, hares and guinea pigs



Our lick and gnawing block contains a special energy and health mix for rabbits and hares. It consists of dextrose, vegetable fats, milk powder, important minerals, trace elements & vitamins.

ENERGOROLL contains natural thyme aroma and high quality salt from the Mediterranean Sea, which is especially tasty and good for the animals. ENERGOROLL was specially developed for the needs of rabbits, hares and guinea pigs. Due to the very hard consistency, the animals can gnaw on the lick as much as they like, sharpening their teeth and take in vitamins, trace elements and minerals at the same time. Gnawing on the ENERGOROLL keeps the animals busy and thus helps to prevent cannibalism.

ENERGOROLL has a diameter of 7cm. It has a hole in the middle, which makes it easier to place the gnawing stone in the cage.

#### Effect and advantages:

- Healthy and lively animals
- Supports weight gain
- Prevents cannibalism
- Increases fertility



MADE IN EU

Available in:

250g

#### Analytical ingredients:

32% sodium, 4% calcium, 0,55% phosphorus, 0,32% magnesium

#### Composition:

sodium chloride, calcium carbonate, dicalcium phosphate, dextrose, milk in powder, vegetable fat, magnesium oxide, molasses

#### Additives / kg:

25mg manganese (oxide) (3b502), 20mg zinc (oxide) (3b603), 15mg iron (ferrous sulphate monohydrate (II)) (3b103), 4mg copper (sulfate (II) pentahydrate) (3b405), 0,3mg iodine (coated granulated calcium iodate anhydrous) (3b203), 0,05mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 0,02mg selenium (coated granulated sodium selenite) (3b802), 2.400 IU vitamin A (3a672a), 240 IU vitamin D3 (3a671), 12mg vitamin E (3a700), 12mg niacin (nicotinic acid) (3a314), 2,8mg calcium-D-pantothenate (3a841), 1,5mg vitamin B2, 0,6mg vitamin B6 (3a831), 0,4mg Vitamin K3 (3a711), 0,4mg vitamin B1 (3a821), 0,1mg folic acid (3a316), 0,04mg biotin (3a880), 0,004 mg vitamin B12, 1,5mg butylated hydroxytoluene (E321), 0,1mg propyl gallate (E310)

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# ABOUT US AND OUR PRODUCTS

Imima is the exclusive sales partner and distributor of the Greek lick block manufacturer S.I.N. HELLAS. Based on Mediterranean Salt we offer the most comprehensive range of mineral lick blocks for livestock. The assortment ranges from pure salt blocks to special mineral lick blocks adapted to the different needs of cattle, cows, horses, goats and sheep.

S.I.N. Hellas has been producing salt and mineral lick blocks for over 25 years and is considered the leading company for special and innovative mineral blocks. Specifically designed mineral blocks for cattle, sheep, goats or horses allow the animals to take in minerals, trace element, vitamins, herbs and even live yeast easily and according to their individual needs. This can prevent efficiency symptoms and resulting diseases. The animals remain vital and healthy and are more resistant to diseases.

Revolutionary is the patented ANTI-INSECT mineral lick block with a specially developed formula for insect deterrence.

The lick blocks are manufactured in the EU and production is both ISO 22000 and QS (Quality + Safety) certified. Our demand for the high quality of our products forms a pillar of our working philosophy and our long-lasting business relationships with our customers.

