# LICKING BLOCKS For healthy and vital animals



imima GmbH Schwarzäckerstr. 41 • 82178 Puchheim Germany • +49 (0)89 54662244 info@imima.de

info@imima.de • www.imima.de Instagram.com/lecksteineshop/ Facebook.com/lecksteineshop/







#### Licking block with insect repellent

The ANTI-INSECT is a special, patented mineral licking stone 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:

- Can deter insects, which are hazardous to health, like flies, mosquitoes, fleas
- Can support the blood circulation and prevent arterial . thrombosis
- Supports the immune system and can prevent bacterial diseases
- Promotes the maintenance of a neutral pH of the stomach
- Antioxidant effect due to the minerals iron, selenium, zinc, manganese and Vitamin E
- Improves digestion and metabolism
- Can reduce the stress factor caused by pesky insects

### Analytical ingredients:

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

3ka

5ka

10kc

Available in:

#### 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



# 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:

145-1

- 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

### 

#### 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)









Living yeast cells in PROBIOTIC support a non-specific stimulation of the immune system. The special glycoprotein structure of the cell surface causes an immune response, which strengthen the immune system of the horse. The barrier function of the intestinal mucosa is supported by feeding live yeast. These yeasts can also bind bacterial toxins and prevent transmission of infectious agents to the intestinal of the horse and foster excretion.

#### Analytical ingredients:

34,8 % sodium (Na), 1,45% calcium (Ca), 1,5% magnesium (Mg), 0,5% phosphorus (P)

#### Composition:

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

#### Nutritional Additives / kg:

1.500mg iron (sulphate monohydrate (II)) (3b103), 2.000mg manganese-II-oxide (3b502), 500mg copper (sulfate-IIpentahydrate) (3b405), 4.000mg zinc (oxide) (3b603), 80mg iodine (coated granulated calcium iodate anhydrous) (3b203), 60mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 10mg selenium (coated granulated sodium selenite) (3b802) 10 mg, 15.000 I.U. vitamin A (3a672a), 2.500 I.U. vitamin D3 (3a671), 70mg vitamin E (3a700), 90mg vitamin B1 (3a821), 40mg vitamin B6 (3a831), 1,5mg vitamin B12 (cyanocobalamin), 125mg niacin (nicotinic acid) (3a314), 110mg calcium-D-pantothenate (3a841), 25mg biotin (3a880)

*Digestibility enhancers:* 15x109 CFU Live yeast (Saccharomyces

## imima

www.lecksteine-shop.de



#### Licking block with live yeast Levucell®

The PROBIOTIC licking block 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

#### Benefits especially for horses:

#### 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 horses with a tendency to fecal water, mostly when switching from pasture to hay and straw, can benefit from feed supplement with live yeast.





3ka

5ko

10kc



The EQUIBLOCK licking block has been specially developed for horses with its unique, high-quality combination of minerals, trace elements, vitamins and enzymes. EQUIBLOCK thus actively supports the strengthening of the immune system and promotes resistance to disease. The combination of active ingredients in EQUIBLOCK can also have a positive effect on fertility, growth and the general health of the horse.

The basic ingredient of the licking stone is our high-quality Mediterranean Sea salt with natural iodine.

#### Benefits:

- Healthy horn and improved hoof growth through Biotin
- Supports and optimizes metabolism, fertility, blood circulation and growth
- Strengthens the joints, tendons and connective tissue
- Healthy skin and hair due to improved keratin formation
- Maintaining a neutral pH value of the stomach
- Protection against cell damages (e.g. harmful environmental influences) due to the antioxidant effects of the minerals iron, selenium, zinc, manganese, and vitamin E
- Strengthens the immune system of the horse
- Increases productivity and wellbeing

#### Analytical ingredients:

Available in:

34,8 % Sodium (Na), 1,45% Calcium (Ca), 1,5% Magnesium (Mg), 0,5% Phosphorus (P)

Composition:

Sodium Chloride, Magnesium oxide, Calcium carbonate, Dicalcium phosphate, Molasses (0,3%)

#### Nutritional Additives / kg:

1.500mg iron (sulphate monohydrate (III)) (3b103), 2.000mg manganese-II-oxide (3b502), 500mg copper (sulfate (II) pentahydrate) (3b405), 4.000mg zinc (oxide) (3b603), 80mg iodine (coated granulated calcium iodate anhydrous) (3b203), 60mg cobalt (coated granulated cobalt (II) carbonate) (3b304), 10mg selenium (coated granulated sodium selenite) (3b802), 15.000 I.U. vitamin A (3a672a), 2.500 I.U. vitamin D3 ( 3a671), 70mg vitamin E (3a700), 90mg vitamin B1 (3a821), 40mg vitamin B6 (3a831), 1,5mg vitamin B12 (cyanocobalamin), 125mg niacin (nicotinic acid) (3a314), 110mg calcium-Dpantothenate (3a841), 25mg biotin (3a880)



www.lecksteine-shop.de

## **MultiVitamin BRONCHIAL**

Mineral feed for horses, cattle, sheep and goats





### Multivitamin mineral licking stone with natural essential oils from mint and eucalyptus

The mineral licking block MultiVitamin BRONCHIAL contains minerals, trace elements and vitamins in addition to natural essential oils of mint and eucalyptus to soothe and relieve respiratory problems. Especially during cold and wet weather many horses suffer from respiratory problems and the immune system can be weakened. This is where the mineral licking stone MultiVitamin BRONCHIAL with its special combination of ingredients can help. The essential oils of mint and eucalyptus can have an expectorant effect, provide respiratory relief and thus have a soothingly effect.

The rich minerals, trace elements and vitamins strengthen the horse from the inside out.

The rich combination of minerals, trace elements and vitamins strengthen the immune system.

Due to that the MultiVitamin BRONCHIAL licking stone is ideally suited to support the respiratory system and the wellbeing of the horse in a natural way.

The licking stone 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 (Na), 1,03% calcium (Ca), 0,35% magnesium (Mg), 0,27% phosphorus

3ka

5ko

Available in:

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



# **BIOTIN** + plus

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



J FI

3ka

5ka

10kc





The licking block BIOTIN+ ideally supplements the daily nutrition with salt, trace elements and biotin. Biotin has a positive effect regarding to the structure and resilience of hooves and hair, which is scientifically proven. Biotin promotes the formation of keratin cells and thus the formation of horn. The strength of the hoof horn can be significantly improved.

The basic ingredients of the licking block BIOTIN+ are very high-quality Mediterranean Sea salt with natural iodine enriched with trace elements, vitamin E and biotin. Our licking stone BIOTIN+ is unique with its high-quality combination of active ingredients.

#### **Benefits**:

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

#### Analytical ingredients:

Available in:

38% sodium (Na), 0,05% calcium (Ca), 0,04% magnesium (Mg)

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)









Licking block with magnesium, calcium and phosphor Magnesium is one on 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 licking block 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 natural feeding (basic feed). The Super MAG licking block is perfect for ensuring a sufficient supply of magnesium, especially during grazing periods.

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



#### 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 laminits (horses) and grass staggers
  - Compensates the deficit of magnesium especially during pasture periods

#### Analytical ingredients:

30% sodium (Na), 4,60% calcium (Ca), 2,36% magnesium (Mg), 1,05% phosphorus (P)

#### Composition:

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

#### Nutritional Additives / kg:

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



# ZINCOBLOCK

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





Licking block with zinc, ionium, cobalt and selenium

Zinc deficiency is quite a common problem in horses and can be the cause of e.g. dull coat and brittle hoof horn. If there is too little zinc in the organism, toxins can not be bound and remain in the body. Due to the special combination of zinc, cobalt and selenium, the ZINCOBLOCK is ideal for the prevention of metabolic disorders, skin and coat problems, brittle hoof horn, muscle diseases and fertility problems.

The 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
- Increases fertility
- Stronger immune system, e.g. against fungal disease
- Improvement of the general well-being
- Supports the natural detoxification process of the animals



#### Analytical ingredients: 38% sodium (Na), 0,30% calcium (Ca)

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)



## **ENERGOBLOCK**

Mineral feed for horses, cattle, goats and deer





3kg3kg5kg5kg10kg

The product is available in red or white.

Licking 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 licking block ENERGOBLOCK supplies a high-level of energy and enables the compensation of energy losses in grazing animals, as well as for strengthening or invigorating young, pregnant, sick or weaker animals.

ENERGOBLOCK improves the milk quality and increases the milk productivity. It has a positive effect on improving 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 young animals
- Healthier animals

#### Analytical ingredients: 29,4% sodium (Na), 6,87% calcium (Ca), 0,54% phosphorus (P), 0,32% magnesium (Mg)

#### Composition:

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

#### Additives / kg:

930mg iron (sulphate monohydrate (III)) (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 I.U. vitamin A (3a672a), 2.500 I.U. vitamin D3 (3a671), 21,3 mg vitamin E (3a700)











The product is available in red or white.

#### Licking 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. The 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 very high-quality Mediterranean Sea salt with natural iodine, which has been enriched with trace elements.

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

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

Analytical ingredients: 38,8% sodium (Na), 0,035% magnesium (Mg)

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)









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

The MEDITERRANEO licking block 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. On the one hand, 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 licking block, they can supply themselves according to their individual needs. The sea salt for our licking blocks is exclusively extracted within the EU and is subject to strict quality control. The production follows the high European environmental and social standards.

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



Analytical ingredients: 39% sodium (Na)

Composition: sodium chloride



## ENERGY LICKS Leckerli

BRONCHIA

II. MULLIN



### The small, healthy and tasty licking goody. With minerals, trace elements and a balanced mix of vitamins

The sugar beet molasses, vegetable fats, oils and proteins provide high levels of energy, which makes them an ideal nutritional supplement for horses.

The rich formula with vitamins, organic and inorganic minerals serves as a concentrated, high quality daily food enrichment to the horses.

#### Impact and benefits:

- Natural ingredients without artificial stabilizers and without preservatives
- · Biotin and zinc for healthy horn, skin and shiny fur
- Energy for top performance

GY LICKS

LECKSTEINE-SHOP

- Ideal to calm down nervous horses, (e.g. prior to
- transportation or veterinary visit)
- Goody as reward

Available in 750g in the flavors: apple, banana, carrot, bronchial

#### Analytical constituents:

8% Crude protein, 45% Crude ash, 10,5% Calcium (Ca), 1,6% Phosphorus (P), 0,5% Magnesium (Mg), 2,75% Sodium (Na)

#### Composition:

Sugar beet molasses, Calcium carbonate, Dicalcium phosphate, Sodium chloride, Magnesium oxide, Sodium Bentonite, Calcite

#### Additives per kg:

1.000mg Manganese (Manganese oxide) (3b502), 1.100mg Zinc (Zinc oxide) (3b603), 100mg Zinc (Chelated) (3b606), 200mg Copper (Copper sulphate pentahydrate) (3b405), 30mg Iodine (Calcium iodate anhydrous) (3b202), 9mg Selenium (Sodium selenite) (E8), 1mg Selenium (Organic) (3b8.10), 8mg Cobalt (Cobalt sulphate heptahydrate) (3b305), 35.000 I.E. Vitamin A (Retinyl acetate) (3a672a), 6.000 I.E. Vitamin D3 (Cholecalciferol) (3a671), 300mg Vitamin E (all-racalpha-tocopheryl acetate) (3a700), 0,3mg Vitamin B12 (Cyanocobalamin), 10mg Biotin (Vitamin H) (3a880)

Sensory Additives: Natural flavor



www.lecksteine-shop.de







Tasty and weather-resistant mineral licking bowl with only 20% molasses (from sugar beet) for your horse's all-round supply.

The rich formula of EQUILICKS contains minerals (organic and inorganic), trace elements and vitamins as well as vegetable fats, oils and proteins. The product is made without any preservatives and artificial stabilizers.

EQUILICKS is the perfect feed supplement to enrich the daily supply and to prevent deficiency symptoms. An additional dose of mineral feed or mineralised concentrated feed is not necessary. Also suitable as an ideal supplement for grazing, as the horses can independently cover their

needs for minerals and trace elements. Filled into a sturdy feed bowl which can be used afterwards.



Analytical constituents:

Composition: molasses (sugar beet), calcium carbonate, monocalcium phosphate, sodium chloride, magnesium oxide, sodium bentonite, calcite

18.1% calcium, 11.0% sodium, 5.0% magnesium, 2.0% phosphorus, 45.0% crude ash, 8.0% crude protein

#### Additives per kg:

3,200 mg of iron as iron sulfate (E1), 2,500 mg of zinc as zinc oxide (3b603), 1,200 mg of manganese as manganese-II-oxide (3b502), 1,000 mg of copper as copper (II) sulfate pentahydrate (3b405), 30 mg iodine (anhydrous calcium iodate) (3b202), 10 mg selenium as sodium selenite (E8), 50 mg cobalt as cobalt (II) sulphate heptahydrate (3b305), 150,000 IU Vitamin A (3a672a), 30,000 I.U. Vitamin D3 (3a671), 20 mg Vitamin E (3a700)



### About our products

Traditionally simple salt licking stones and mineral licking stones are known. However, the company S.I.N. Hellas has shown that licking stones are an excellent way to provide the animal with further supplements. Since more than 25 years the Greece-based company produces highly specialized licking stones based on high-guality table salt of the Mediterranean Sea. S.I.N. Hellas has the most comprehensive selection of mineral licking stones worldwide and is seen as market leader. The production is certified by German QS (guality + safety) and ISO 22000. Specialized licking stones for horses, cattle, cows, goats and sheep have been developed, which allow the animals to ingest the supplements based on their individual needs. Revolutionary is the new, patented ANTI-INSECT mineral licking stone with its own insect repellent formula. The formula is absolutely harmless to the animals and protects them from flies, mosquitos, fleas and other harmful insects simply through licking.

Beside the natural sea salt licking stone MEDITERRANEO and the basic mineral licking block PREMIUMBLOCK for the basic health care, we offer special stones with vitamins, biotin and extra magnesium. Unique products are the EQUIBLOCK for horses, ANTI-INSECT with the special insect repellent formula (patented) and the recently added PROBIOTIC licking stone with natural yeast.



#### imima GmbH

imima Schwarzäckerstr. 41 • 82178 Puchheim

Germany • +49 (0)89 54662244 info@imima.de • www.imima.de Instagram.com/lecksteineshop/ Facebook.com/lecksteineshop/