

abirein[®]

for your health

**HYGIENE IN AREAS OF
ANIMAL HUSBANDRY
WITH ABIREIN[®]LIQUID DISINFECTANT**



**RELIABLE, EFFECTIVE, INEXPENSIVE, SAFE,
ENVIRONMENTALLY FRIENDLY AND FULLY BIOLOGICALLY DEGRADABLE**

**Abirein Liquid contains no alcohol, phosphates, tensides,
formaldehyde, fragrances, or colorants.**

ABIREIN[®]LIQUID DISINFECTION AND HYGIENE IN AREAS OF ANIMAL HUSBANDRY

ABIREIN LIQUID is

- **FAST ACTING**
- **ENVIRONMENTALLY FRIENDLY**
- **TOTALLY BIOLOGICAL DEGRADABLE**
- **NON IRRITATING TO SKIN**
- **PREVENTS ODOURS**

Works effectively to protect against and prevent the spread of infections diseases in areas of animal husbandry.

ABIREIN LIQUID is free from alcohol, phosphates, tensides or formaldehyde and contains no harmful substances.

The oxidants contained in ABIREIN LIQUID are highly effective and destroy

- **Bacteria (also multi resistant bacteria like EHEC or MSRA)**
- **Virus**
- **Fungi**
- **Algae**

ABIREIN LIQUID can be effectively used in

- **animal husbandry**
- **Disinfection of animal fodder**
- **surface disinfection in cage and stalls**
- **food troughs and containers**
- **preventive disinfection before and during animal transport**

The following dilutions are effective by:

Mild bacterial contamination 1:50 = 1 Litre **ABIREIN LIQUID+** to 50 Litres water.

Medium bacterial contamination 1:20 = 1 Litre **ABIREIN LIQUID+** to 20 Litres water.

Strong bacterial contamination 1:10 = 1 Litre **ABIREIN LIQUID+** to 10 Litres water.

Disinfection of drinking water

To prevent spread of disease through contamination of drinking water, **ABIREIN LIQUID+** should be added daily to the drinking water in a mixture of 1:500 to 1:800 (1 Litre **ABIREIN LIQUID+** in 500 or 800 Litres water).

Contagious diseases such as foot and mouth disease, bird- influenza etc

Shallow plastic container filled with **ABIREIN LIQUID+** in a mixtures of 1:10 = 1 L **ABIREIN LIQUID+** in to 10 Litres of water should be placed at all entrances and exits. Whereby humans and animals can disinfect boots, hoofs, and feet. In extreme cases, the containers should be filled with **ABIREIN LIQUID+** on a daily basis.

Salmonella on and in eggs

In the production of eggs, the health of the laying hens and germ free eggs are of utmost importance.

ABIREIN LIQUID can be used effectively to combat salmonella on and in eggs.

Salmonella can only penetrate the inner egg during the first 3 days after laying.

After 3 days, the egg is hardened and no longer permeable for salmonella.

Therefore, disinfection should take place within a period of 2 days. To destroy salmonella on the surface, the eggs should be immersed as soon as possible after laying for about 60 seconds in a mixture of **ABIREIN LIQUID+** 1:20.

As the shell is still porous, **ABIREIN LIQUID+** can penetrate to kill the germs.

ABIREIN LIQUID leaves no after taste

Treatment of Animal wounds

ABIREIN LIQUID+ is effective in a concentration of 1:10 or 1:20 to cleanse the wounds of animals. This hastens the healing process, as **ABIREIN LIQUID** is non-irritating and an application is generally unproblematic.

An **ABIREIN LIQUID** bandage can be applied to the wound to support the healing process.

Disinfecting Animal Enclosures

A mixture of 1 part **ABIREIN LIQUID** and 10 to 50 (or even 100) parts of water can be used after the stables have been cleaned out. The mixture can be applied by spraying or wiping down all kinds of surfaces within the stables or cages.

This mixture is non-irritating to the skin (the skin has a pH of 5 to 5.5) or the eyes of animals or poultry as the pH-level is 7 to 7.5 and in a neutral stage.

The bad odours (caused by the bacteria) can also be controlled by disinfecting the facilities.

The drains in the stables can be flushed with the same mixture.

Disinfecting the Entrances of Stables

Putting shallow plastic trays with a strong mixture of **ABIREIN LIQUID+ / WATER** 1:5 to 1:20 can be placed in front of doors and entrances.

As an animal or a person is walking through the disinfecting mixture, the harmful organisms or bacteria are destroyed (and cannot spread inside the stable).

Disinfecting Dairy Equipment

Washing and disinfecting the udder of a cow with an **ABIREIN LIQUID+** MIXTURE of 1:10 to 1:50 just before milking. Cleaning and disinfecting all milking equipment, pipelines, containers, and hoses with a mixture of 1:10 to 1:100 or even 1:200.

The strength of the disinfecting solution is depending on the grade of bacterial contamination.