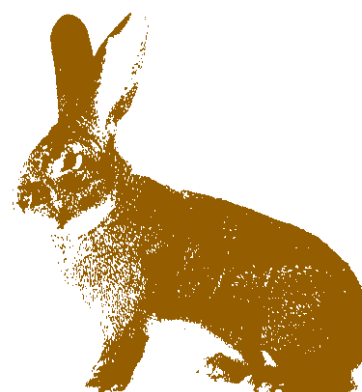


# ASA kanifresh



## Biological malodor reduction in gnawers home

**ASA kanifresh** is a microbial mixed culture for reduction of toxic or disagreeably smelling substances in the air. It is immobilized on a solid carrier.

The application area of **ASA kanifresh** is the keeping of small animals, especially hares, rabbits and guinea pigs.

### The effect of ASA kanifresh

In the domain of commercial and private keeping of animals the load of the stable air with toxic and smell-intensive substances is a well-known problem. With the keeping and breeding of animals a lot of problematical substances will arise from the animal excrements, which emit into the room or stable air. First ammonia ranks, which does not only smell unpleasantly, but also ammonia is toxic for animals and damages health and resistance lastingly. Ammonia contents of over 50 ppm (35 mg/m<sup>3</sup>) in the air can lead even to the death of the animals. In rabbit stables for example ammonia contents of up to 100 ppm (70 mg/m<sup>3</sup>) were detected.

The microorganisms in **ASA kanifresh** degrade ammonia and organical substances like fatty acids and reduce so the fumigation of them. With **ASA kanifresh** the concentration of ammonia in the air of rabbit stables was reduced by 71% (see diagram).

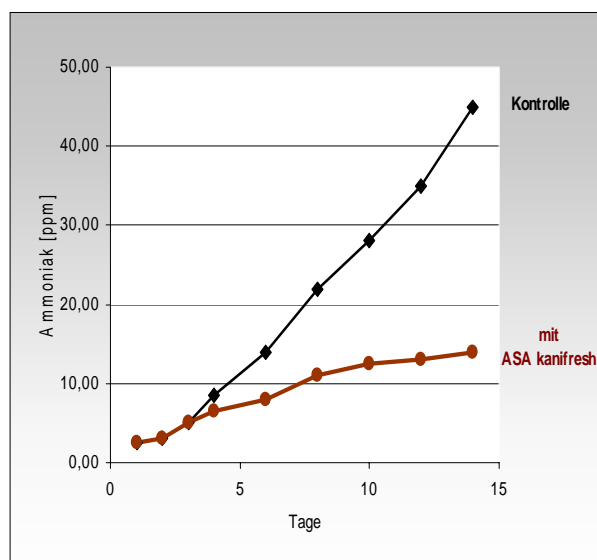
### Dosage:

Intersperse 30 ml **ASA kanifresh** in each corner of excrements in the stable or cage. The optimal effect will be obtained by mixing of **ASA kanifresh** with the strewing material.

### ASA kanifresh

- reduces fumigation of ammonia in the air
- converts organical substances like fatty acids by a oxidative way
- is harmless for animals

### Increase of the ammonia concentration in rabbit stables with and without ASA kanifresh with 25°C, detection of the ammonia concentration 10 cm over the liter level (1 ppm describes 0,7 mg/m<sup>3</sup> with 20°C)



### Tips for storage of ASA kanifresh:

- protect against chill and high temperatures
- with ambient temperature 24 months durable

