

SKH Anti-Odor products and their application

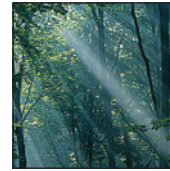
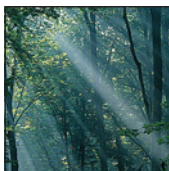
GS1: Neutralization of malodors in agricultural context and related fields

GS2: Special product for malodor removal in paper industries, e.g. when storing paper waste (pulp residues)

GS3: Control of smells in exit air, especially in industrial plants

GS4: Neutralization of unpleasant smells for highly ambitious industrial applications

Green Leaves: Product for highest demands in odor control and removal, with high-class ingredients for best air quality



The **SKH GmbH** is a company and an institute at Regensburg University. Prof. Dr. Werner Kunz is Head of the Institute for Physical and Theoretical Chemistry at Regensburg University as well as managing director of the SKH GmbH. Besides research activities, the SKH GmbH has specialized in developing new materials, products and processes with special focus on surface active substances, polymers and complex fluids.

Interested in solving your malodor problems?

Feel free to ask for additional information and a free sample.

SKH GmbH

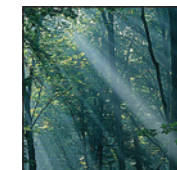
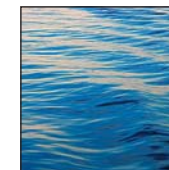
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SKH
GmbH

SKH
Anti-Odor

The new
4-step formula
for odor
neutralization.



Removal of malodors

SKH has succeeded in developing highly effective microemulsions for odor removal. The specific properties of microemulsions allow the dispersion in tiny little droplets. It works within industrial plants as well as in the surrounding area. All malodors – even in minimal concentration – are neutralized in a highly efficient way.

The effect of essential oils

The neutralization of malodors is based on specific properties of selected essential oils.

Mild solubilizers

A sophisticated system of mild solubilizers provides direct contact of odorous compounds and essential oils.

Safe for humans and animals

Applied as intended, the SKH Anti-Odor products are safe for humans and animals. Neighbors will be thankful for better air quality. The environment is treated gently.

Readily biodegradable

All SKH Anti-Odor products are considered environmentally friendly because of ready biodegradability according to criteria of OECD and strict accordance to IFRA guidelines.

Concentrate appliance

Our products are offered as a concentrate. They are applied diluted with water up to 1:2000, depending on type and strength of the malodor. With a fogging or injection system the liquid is delivered to the ambience. Liquid odor sources may be blended directly with the products. The specific microemulsion properties ensure high efficiency at minimal product consumption.

A cost-effective solution for malodor problems

All SKH Anti-Odor products can be easily combined with existing filter or ventilating systems. Compared to expensive additional filter technologies to cope with low substance concentrations, the application of SKH-products saves money and at the same time increases the efficiency of odor neutralization.

Extensive scientific research

The SKH Anti-Odor products have been developed in the laboratories of Regensburg University (Germany/Bavaria). Scientific competence combined with several years of research experience in neutralization of malodors resulted in highly efficient products for odor removal. SKH is a company and an institute at Regensburg University. This constellation guarantees best qualifications for developing individual solutions in odor neutralization.



Injection system for SKH Anti-Odor products

SKH 4-step formula

Decisive for the effectiveness of the SKH Anti-Odor products is the 4-step formula – developed, scientifically proved and tested at Regensburg University (Germany/Bavaria). SKH Anti-Odor works in four steps and removes malodors thoroughly:

Step 1

Nebulizing the aqueous solution of the concentrate over the odor source will wash out odorous dust and water-soluble substances from the air.

Step 2

A special solubilizer induces transport of water-insoluble odor compounds into the water-droplets – right to the active components.

Step 3

Within the tiny „oil droplets“ of the microemulsion, undesirable malodorous substances react with environmentally friendly agents yielding neutral-smelling compounds.

Step 4

Potentially remaining residual odors are neutralized by SKH Anti-Odor's fresh fragrances.