



**FRESH  
AIR**

# BIOSMELL<sup>®</sup> & BIODOR<sup>®</sup>

## 100% reliable:

This product range has been designed for indoor and outdoor use and offers a broad range of applications such as chemical odour-binding of H<sub>2</sub>S and ammonia



**Reliable odour elimination**



**Tackle even toughest smells**



**Odour binders & masking agents**



**Removes malodour quickly**



# BIODOR<sup>®</sup> C4

## AGAINST HYDROGEN SULPHIDE (H<sub>2</sub>S), THIOLS, AMINES AND AMMONIA

- new organic formulation to eliminate numerous odour emissions
- binds highly toxic and corrosive substances such as hydrogen sulphide (H<sub>2</sub>S), thiols (mercaptans), amines and ammonia
- binds directly and irreversibly with the odour molecules to render them inert and remove the odour permanently

### ADVANTAGES

- highly economical compared to conventional products (applicable concentration 10-40 ppm)
- ready and easy to use, non-corrosive liquid
- quickly effective
- effective over a wide pH range

### APPLICATION EXAMPLE & DOSAGE OF BIODOR<sup>®</sup> C4



#### SEWAGE

Problem:  
Odour in the sewer (H<sub>2</sub>S)

Solution:  
Dosage of 10 - 40 ppm of **BIODOR<sup>®</sup> C4** undiluted directly into the waste water

Please note:

The mentioned dosage quantities refer to the average dosing amounts. In practice the needed quantities and most suitable dosing points highly depend on the particular situation and may therefore vary from the examples given.

The manufacturer is only liable for the chemical composition of the product. He's not taking responsibility for damages caused by wrong or inadequate product use.

Use chemical products safely.  
Always read labelling and product information before use.

Picture © iStock.com/Vladimir Zapletin

**ODOUR  
BINDER &  
MASKING  
AGENT**  
**CHEMICALLY BINDS**



Picture © iStock.com/svedoliver



Picture © iStock.com/Five Buck Photos




# BIODOR<sup>®</sup> C5

## FOR USE IN WASTEWATER AND EXHAUST AIR SYSTEMS

- neutralises unwanted odour
- effective on a wide range of odorous substances
- highly effective against fatty acids and their metabolites
- wide range of application

### ADVANTAGES

- highly efficient
- liquid product, completely miscible with water
- quickly effective
- broad spectrum activity




Picture: Huber & Partner

## ODOUR MASKING AGENT & BINDER

## CHEMICALLY BINDS & MASKS


### APPLICATION EXAMPLE & DOSAGE OF BIODOR<sup>®</sup> C5



**SLAUGHTERHOUSE**

Problem:  
Odour from flotation sludge


Solution:  
**BIODOR<sup>®</sup> C5** is added to the material before flotation (40 - 100 ppm).



**WASTEWATER TREATMENT PLANT**

Problem:  
Odour from sewage sludge


Solution:  
**BIODOR<sup>®</sup> C5** is mixed into the sludge directly before dewatering (50 - 400 ppm), odorous substances are irreversibly bound into the sludge



**LARGE-SCALE GASTRONOMY**

Problem:  
Odour from grease separator

Solution:  
Addition of **BIODOR<sup>®</sup> C5** (5 - 20 ppm) into the sewer before the grease separator



**MEAT INDUSTRY**

Problem:  
Odour in the indoor air from slaughterhouse waste

Solution:  
**BIODOR<sup>®</sup> C5** (50 - 300 ppm) is added into the circuit scrubber of a biofilter which leads to a decrease of 1.000 ou<sub>E</sub>/m<sup>3</sup>



# BIOSMELL<sup>®</sup> No.1

## ECO-FRIENDLY & NON-TOXIC

- 100% natural plant extracts and flavourings
- non-toxic, not harmful
- approved for indoor use and contact with human organism
- transforms malodour into odourless organic compounds
- quickly achieves a long-lasting and stable odour blockage
- good effect against ammonia-containing odours

## APPLICATION EXAMPLE & DOSAGE BIOSMELL<sup>®</sup> No. 1



### COMPOSTING PLANT

Problem:  
Unwanted odour when harvesting compost

Solution:  
Spray 25 kg BIOSMELL<sup>®</sup> No. 1 onto 400 - 500 m<sup>3</sup> compost heaps (dilution at least 1 : 1000).



# BIOSMELL<sup>®</sup> No. 5

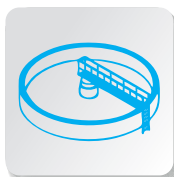
## ECO-FRIENDLY WITH A PLEASANT SCENT OF PINE TREES

- plant origin and biodegradable
- quickly effective & long lasting
- efficient against odours caused by microorganisms

## APPLICATIONS & DOSAGE BIOSMELL<sup>®</sup> No. 5

for municipal and industrial wastewater treatment, households etc.

- Easy and safe handling
  - vaporise the solution into the air with a spray bottle
  - add directly to the medium to be treated
- Dilutable with water (0,05 - 0,25% solution)



### WASTEWATER TREATMENT PLANT / DISPOSAL

Problem:  
Strong odour nuisance to staff and neighbours at sludge takeover.

Solution:  
Spray a 1:100 diluted BIOSMELL<sup>®</sup> No. 5 solution onto the sludge when unloading (10-25 l per 20 tons)

## ODOUR MASKING AGENT

### PLANT EXTRACTS & FLAVOURINGS

## ODOUR MASKING AGENT & DEODORIZER OF NATURAL ORIGIN