

# TEGO® Sorb Conc. 50

Technical Information

## TEGO® Sorb Conc. 50

### Odour absorber with solubilizers, water-free

- Highly concentrated odour absorber
- Cold processable
- Soluble in surfactant systems
- Biodegradable
- Specific spectrum of activity

#### Chemical and physical properties (not part of specification)

Form	liquid
Colour	amber
Actives	~ 50%

#### Properties

TEGO® Sorb Conc. 50 is a highly effective deodorant based on zinc salt of ricinoleic acid. Malodour components like hydrogen sulphide, mercaptan, thioether, isovaleric acid and ammonia are effectively controlled with TEGO® Sorb Conc. 50.

TEGO® Sorb Conc. 50 does not interfere with most of the existing perfume components and with biological systems.

#### Application

Its excellent odour absorbing properties make TEGO® Sorb Conc. 50 suitable for a wide variety of applications. It is used in laundry detergents, household or sanitary products, car care products, cat litter, in the paper industry and in sewage plants.

The odour absorbing properties depend on a chemical reaction between the malodour components and the zinc ricinoleate. Therefore the concentration used should correspond to the type and quantity of the odour emitter.

Product trials indicate a usage concentration of 0.5 to 8.0%, depending on the application.

#### Packaging

25 kg drum  
200 kg drum  
1 000 kg container

#### Storage stability

The product should be stored in sealed original package at temperatures between 10 °C and 30 °C. At temperatures below 0 °C the product can be damaged.

During prolonged storage the product could get cloudy. Gentle heating and homogenizing (30–40°C) will return the product to a clear state

#### Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

## Guideline Formulations

### Upholstery and carpet cleaner with odour absorber

<b>REWOPOL® TS 35</b>	30.0%
<b>TEGO® Sorb Conc. 50</b>	3.0%
Triethanolamine	0.5%
Lactic acid, 88%	0.5%
Phosphonic acid (DTPMP), 32%	1.0%
Polymer	15.0%
Water	50.0%

#### Preparation

Blend ingredients in the given order and stir.

### Odour absorber, aqueous

<b>TEGO® Sorb Conc. 50</b>	1.0%
<b>REWOPOL® SB CS 50</b>	6.0%
Phosphonic acid (DTPMP), 32%	2.5%
Triethanolamine	0.6%
Water	89.9%

#### Preparation

Blend ingredients except the lactic acid in the given order and stir. Add the lactic acid to adjust the pH value (pH 8–9). The solution turns turbid and then clears. Stir until clear.

### Odour absorber, aqueous

Water	91.8%
<b>TEGOTENS® DO</b>	6.0%
Triethanolamine	0.6%
<b>TEGO® Sorb Conc. 50</b>	1.0%
Lactic acid, 88%	0.6%

#### Preparation

Blend ingredients except the lactic acid in the given order and stir. Add the lactic acid to adjust the pH value (pH 6–8). The solution turns turbid and then clears. Stir until clear.

#### Legal References

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