



restaurarconservar.com

# LANXESS

## LANXESS Deutschland GmbH Flavors & Fragrances

Product Data Sheet

### Preventol<sup>®</sup> RI 50 (Benzalkonium chloride)

#### Properties

Preventol RI 50 is an aqueous solution of benzalkonium chloride at ca. 50% in water.

#### Specification

PARAMETER	UNIT	VALUE
Appearance at 25°C		Clear liquid, free of foreign matter
Active matter (MMW 354)	%	49.5 - 50.5
Free amine (MMW 221)	%	max. 0.3
pH (5%)		6.5 - 7.5
Benzyl chloride	ppm	max. 120
Color Hazen (as is)		max. 100

*Specification values are subject to constant monitoring.*

#### Physical / Chemical Data

PARAMETER	UNIT	VALUE
Density at 25°C	g/cm <sup>3</sup>	ca. 0.99
Viscosity at 25°C	mPa·s	ca. 120

*Characteristic data provide further information about the product and are not subject to constant monitoring. They are therefore not binding.*

#### Storage / Handling / Labeling

It is recommended to store the product below 40°C. At lower temperatures (<20°C) physical separation is possible, particularly after prolonged periods, and in this case it is recommended to homogenize it before use.

Above 40°C the color can be expected to gradually deteriorate with age, although this is not expected to affect other aspects of product quality.

This product contains a significant amount of chloride which may be corrosive towards common metals.

Please refer to our Safety Data Sheet.

#### Shelf Life

2 years in original sealed packaging if stored properly.

#### Packaging

25 kgs Drum  
210 kgs Drum  
950 kgs IBC

#### Additional Information



### Product Data Sheet

#### **Preventol<sup>®</sup> RI 50 (Benzalkonium chloride)**

Chemical name:	Quaternary ammonium compounds, benzyl-C12-14(even numbered)-alkyldimethyl, chlorides; Quaternary ammonium compounds, benzyl-C12-16 alkyldimethyl, chloride
CAS No.:	85409-22-9; 68424-85-1
EINECS:	939-350-2; 270-325-2
REACH:	Registration numbers: 01-2119970550-39; 01-2119983287-23
BPR:	The active substance in the product has been notified for the product types PT 1, 2, 3, 4, 8, 10, 11 and 12 according to Regulation (EU) No 528/2012 and subsequent amendments.

#### **Uses**

For the formulation of disinfectants or disinfecting cleaning agents of the medical, veterinary and cosmetic sectors, the food processing industry, agriculture and households. For water treatment (algae prevention in cooling water and swimming pools) and for the elimination of fungi, algae and lichens (substrate pre-treatment agent); for the fungicidal treatment of insulating material based on recycled textiles. For the use under agricultural and pharmaceutical legislation so where the intended fields of application require approval, this must be obtained by the customer himself.

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.