

SENSICARE[®] C 3300

Preservative for personal care



COSMOS
APPROVED

DESCRIPTION SENSICARE[®] C 3300 is a broad spectrum preservative based on a combination of benzyl alcohol combined with a booster of natural origin, glyceryl laurate.

Product benefits

- Suitable for Eco-label and 0% formulations.
- Low toxicity.
- Does not release formaldehyde.
- Highly soluble in both water and organic phase.

ACTIVE SUBSTANCES	INCI declaration	CAS number
	Benzyl alcohol	100-51-6
	Glyceryl Laurate	142-18-7

CHARACTERISTICS	Appearance	Clear, colourless liquid.
	Odour	Aromatic.
	pH (1%)	4.0 – 6.0
	Density (20%)	1.032 – 1.042 g/ml

EFFECTIVENESS SENSICARE[®] C 3300 has shown its effectiveness against the following microorganisms among others:

Bacteria gram +	Fungi	Yeasts
<i>Staphylococcus aureus</i> <i>Staphylococcus epidermis</i>	<i>Aspergillus niger</i>	<i>Candida albicans</i>
Bacteria gram - <i>Escherichia coli</i> <i>Pseudomonas aeruginosa</i> <i>Pseudomonas fluorescens</i>		

APPLICATIONS AND USE LEVELS SENSICARE[®] C 3300 is an excellent preservative for rinse-off and leave-on formulations such as emulsions, creams, lotions and gels, which performs its activity through the disruption of the membrane integrity of the microorganisms, which potentiates the activity of its active.

The use levels depends on the characteristics of the product where added and the environmental conditions to which it is exposed. The optimum concentration should be assessed by means of a Cosmetic Challenge Test for specific applications.

As general guidance, the typical dose of use for the preservation of rinse-off formulations is in the range of 0.6 to 1.0 %, while when used in leave on formulations it is recommended to use doses from 0.8 to 1.1 %.

According to the European Cosmetic Regulation the maximum preservative dosage is 1.1 % (with regard to the content of active substances).

USE GUIDELINES **SENSICARE® C 3300** is compatible with most of the raw materials used in the formulation of personal care and cosmetic products. It is stable over pH range from 2 to 12 and high temperatures. High contents of surfactants may reduce its effectiveness.

**HANDLING, STORAGE,
HEALTH AND SAFETY**

Packaging	Jerrican 25 kg net. Drum 200 kg net. Standard IBC 1000 kg net.
Shelf life	Best use before 24 months from production date.
Storage	Store in a cool dry place between 0 °C and 35 °C protected from frost, heat and direct sunlight, in the original container well sealed.
Transport and labelling	It is not classified as a dangerous product for transport.
Handling	It is recommended handle it taking the typical measures for this type of chemicals including protective clothing, overalls, gloves, goggles and face protection. Avoid contact with skin, eyes and mucous membranes. Use chemicals safely. Always read the label and product information before use.

For further information, refer to the separate Material Safety Data Sheet available under request.

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