



Specifications and Product Information

Preservative Eco

INCI Name: Benzyl Alcohol, Salicylic Acid, Glycerin, Sorbic Acid

INCI % Breakdown: Benzyl Alcohol (77 – 88%), Salicylic Acid (8 - 15%), Glycerin (3 - 6%), Sorbic Acid (1 - 4%)

CTFA: Benzyl Alcohol (77 – 88%), Salicylic Acid (8 - 15%), Glycerin (3 - 6%), Sorbic Acid (1 - 4%)

Origin	Synthetic	
Properties	Preservative	
Preservative activity	Gram+	Active
	Gram-	Active
	Yeast	Active
	Mold	Active
	pH range	3.0 – 8.0
	Inactivation	Non ionics, such as polysorbates,...
Application	Natural Cosmetics Shampoos Shower and Bath products Oral Care	
Dosage	0.6 – 1.0% to the water phase	

Sales Specifications

Appearance @ 20 °C	Liquid
Aspect	Clear
Odour	Mild aromatic
Colour	Colourless to light yellow
Density @ 25°C	1.018 – 1.118
Benzyl Alcohol (%)	77 - 88
Salicylic Acid (%)	8 - 15
Sorbic Acid (%)	1 - 4

Typical Microbiology

TVC	< 100CFU/g
Yeast & Moulds	< 10CFU/g
Pathogens	Absent

Impurities

Sum of heavy metals	< 10mg/kg
Pesticides	Absent

Additives

Preservative	None
Antioxidant	None
Others	None

Solubility

Water	Soluble up to 1.2 %
Glycerine	Soluble
Propylene glycol	Soluble
Ethanol	Soluble
Mineral oil	Non soluble
Soya oil	Dispersible
Octylstearate	Dispersible
Cyclomethicone	Non soluble
Dimethicone	Non soluble

Stability

Maximum Heating Temperature	< 45°C
pH range	3.0 – 8.0
Substances to avoid	None

Logistic

Storage	Dry place below 30°C
Shelf life	2 years

Registration

Product	CAS No	EINECS No
Benzyl Alcohol	100-51-6	202-859-9
Salicylic Acid	69-72-7	200-712-3
Glycerin	56-81-5	200-289-5
Sorbic Acid	110-44-1	203-768-7

Country of Origin: Belgium.

Statements:

TSE/BSE: This raw material is of synthetic origin. During production, storage and transport there is no contact with any bovine or other animal material and a cross contamination is excluded. Therefore the requirements of Comm. Dirc 1999/82/EEC, CPMP/BWP/1230/98, Ph.EUR. Suppl. 2000:5.2.8 are not applicable.

GMO: This raw material does not contain ingredients derived from GMO sources. However relevant thresholds for adventitious or technically unavoidable cross-contamination as laid down in 1829/2003/EC are accepted.

Animal testing: This raw material has not been tested on animals for cosmetic purposes after the date 30/03/2000 The raw material is in compliance with the article 18 EC 1223/2009.

Allergens: The substances suspected to be allergenic and listed in Annex III of EC 1223/2009 are below detection limit.

Nano-product: This raw material is not classified as nano-material according to COLIPA's guidance SCCS/1484/12.

CMR: Based on our actual knowledge of the production process, the used raw materials, the produced byproducts, the impurities and the equipment used we do not expect CMR substances 1A, 1B and 2 according to EC 1272/2008 Annex VI present in the product. The product is fully in compliance with article 15 of EC 1223/2009.

REACH: The substance complies with the REACH EC 1907/2006

June 2018