

## TECHNICAL DATA SHEET

Effective date: 01.2022  
Rev.0

### BENZYL ALCOHOL DHA

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Benzyl Alcohol, Dehydroacetic Acid, Water
Description	Offers broad spectrum protection in a diverse range of products against Gram-positive & Gram-negative bacteria, yeast and molds.
Key product attributes	Easy to use preservative system for personal care products, with a wide geographical approval and a good acceptance. The components present are listed as allowed preservatives in typical natural / organic standards, such as Cosmos.
Manufacturing process	Mixing of ingredients, synthetic origin. Made in Europe.
Raw material category	Preservative

#### TECHNICAL DATA

##### Physical parameters

Appearance	Liquid
Color	Clear, colorless to light yellow
Odor	Characteristic, slight
Relative density at 20°C	1.056 - 1.066

##### Chemical parameters

Benzyl alcohol	85–90 %
Dehydroacetic acid	5–10 %
Water	3–5 %

#### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed packaging, away from light, at a steady and moderate temperature, approx 15-25°C. Mix before use.
Shelf Life	36 months, in closed packaging and the recommended conditions.
Customs code	-

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#### LEGISLATION, STATEMENTS

CAS	100-51-6/ 520-45-6
EC no.	202-859-9/ 208-293-9
EU Cosmetic Regulation EC/1223/2009	Reg. (EC) 1223/2009 listing (Annex V) Benzyl Alcohol: number 34 Dehydroacetic Acid: number 13 Water / Aqua
International registrations / legislation EUROPE	Benzyl Alcohol: Regulation (EC) 1223/2009 Annex listing: Annex III, no. 45: (a) solvent: For purposes other than inhibiting the development of microorganisms in the product. This purpose has to be apparent from the presentation of the product. (b) not applicable here Annex V (preservatives), no. 34, max. 1.0 %, no further restriction on product type, body parts, or wording of conditions of use and warnings mentioned in this entry. Dehydroacetic Acid: Regulation (EC) 1223/2009 Annex listing: Positively listed as preservative in Annex V, no 13 (max. 0.6 %, (acid)). Not to be used in aerosol dispensers (sprays). Maximum concentration of PRODUCT is 1.1 %. Listing on a (national) inventory or other list does not imply the product has been approved for use under local cosmetic legislation, approved for a particular application, or in compliance with certain specifications. It is up to the customer to ensure (legislative) suitability / compliance and to ensure the formulation is safe / compliant under relevant legislation.
Nanomaterials	No intentionally added ingredient meets the definition of a nanomaterial.
Animal testing	We confirm that the abovementioned material and its component parts have not been the subject of animal testing or retesting for cosmetic purposes.
BSE / TSE status	Animal origin is not involved, BSE / TSE is not applicable to this product.
Genetically modified organisms (GMO)	Considering the origin of the product, GMO is not applicable to this product. GMO is not involved in the manufacturing process of this product.
ISO 16128 natural status	Natural / organic indices according to ISO 16128-1 and 16128-2: All indices (natural index, natural origin index, organic index, organic origin index) for all ingredients, are 0. Please note ingredients are positively listed in natural standards (e.g. COSMOS, NATRUE) as authorised preservatives.
Impurities / contaminants / miscellaneous substances	This section contains information on contaminants that are typically requested. Listing does not necessarily imply a potential presence. Heavy metals: No atypical levels of heavy metals expected. Pesticides: Considering the origin, pesticides are not applicable. Miscellaneous substances: The following substances are not expected / applicable based on product / process: Ethylene oxide

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	Formaldehyde or formaldehyde donors Gluten Glycol ethers Microplastics Palm (kernel) oil and its derivatives Protein Sulfates
CMR substances, with reference to Regulation (EC) 1223/2009 Article 15	The ingredients in this product are not classified as CMR according to Regulation (EC) 1272/2008. Legislative status of this product is not concerned by CMRs.
Allergens	Cosmetic allergens (no. 45, 67, 69–92 of Annex III of Regulation (EC) 1223/2009): Benzyl Alcohol itself is listed as an allergen (Annex III no 45). Others: not expected to be present, based on theory. Atranol, chloroatranol, hydroxyisohexyl 3-cyclohexene carboxaldehyde (HICC, Lyrall) and vetiveryl acetate are, taken into account the source, considered as not applicable to this product. Food allergens (Annex II, Regulation (EU) 1169/2011, i.e. cereals containing gluten, crustaceans, eggs, fish, peanuts, soybeans, milk, nuts, celery, mustard, sesame seeds, sulphur dioxide and sulphites, lupin, molluscs, and products thereof, as defined in the Annex): not expected / applicable based on product / process.
Nanomaterials	Product is a liquid, it is not a nanomaterial in accordance with the definition in Regulation (EC) 1223/2009. Please note that, considering the fact it is a liquid, particle size considerations are not applicable to this product.
Microbiological quality	Material is a preservative system itself, no growth is expected at all. A microbiological specification is not applicable to this product.
Suitability for vegans	Considering the non-animal testing status, and the absence of any animal-derived material, the product is considered suitable for vegans.
REACH registration	Benzyl Alcohol: REACH-registered. Registration number: 01-2119492630-38-XXXX Dehydroacetic Acid: REACH-registered. Registration number: 01-2120747930-51-XXXX
Substances of Very High Concern (SVHC)	No ingredients are intentionally present appearing (at time of writing) on Annex XIV or on the Candidate List of Substances of Very High Concern for Authorisation in the framework of REACH (Regulation (EC) No 1907/2006). Furthermore, considering the nature of this product and the manufacturing process, the presence of an impurity appearing on the aforementioned Annex XIV or Candidate List is not expected in a concentration of 0.1 % or greater.

#### DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.