

BULLETIN VC-873

Conarom™ P-2 aromatic

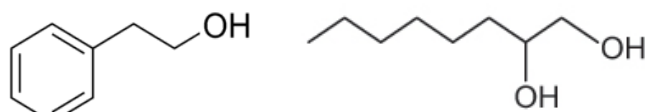
Aromatic substance with antimicrobial benefits

Product Description

Conarom P-2 aromatic is a multifunctional fragrance ingredient containing naturally derived and nature-identical ingredients that add a mild flowery fragrance to personal care formulations and deliver broad antimicrobial protection as a secondary effect.

The aroma-component is found in numerous plants and can be extracted from their essential oils. The refined naturally derived emulsifier and the optimized booster system enable formulators and marketers to enhance formulation performance in line with global trends.

Formula



Phenethyl alcohol (and) Caprylyl Glycol

Suggested Applications

Rinse-off-Cosmetics	Conarom P-2 aromatic has proven to be an effective preservative system for rinse-off products like shampoos, shower-gels foam-baths etc.
Care-Products	Conarom P-2 aromatic is suitable for high quality care cosmetics like creams, emulsions, lotions, sunscreens and gels.

Dosage and Processing

Conarom P-2 aromatic should be used at concentrations in the range 0.3 % to 2.0 %. The exact dosage depends on the end product formulation and can be determined by suitable laboratory-testing. Ashland's microbiological laboratory team is available to provide customers with the appropriate support required.

When worked into products at ambient temperature Conarom P-2 aromatic may be added during any phase of production. Heating processes up to 80°C will usually be tolerated well. To minimize interaction with emulsifier system, it is in most cases recommended to incorporate Conarom P-2 after the emulsion has formed. Addition to the oil phase is not advantageous as this may lead to distribution problems. Conarom P-2 may remain in the oil phase and this reduces its antimicrobial properties.

It is recommended to apply intensive stirring in aqueous products with low contents of emulsifiers to achieve a uniform dispersal of the active ingredient.

Product Properties Microbiological Profile

The antimicrobial ingredients in Conarom P-2 aromatic show a broad spectrum of activity against gram-positive and gram-negative bacteria, fungi and yeast.

Technical Data

Appearance:	Colourless to light yellow solution
Odor:	Characteristic, flowery
pH-Value:	Not applicable, glycolic solution
Density:	1.00 - 1.03 g/cm ³
Solubility:	When diluted with water, fine dispersed droplets will be formed. In the range of the recommended use-concentrations Conarom™ P-2 aromatic will not lead to dissipation-problems.

Stability

Conarom P-2 aromatic can be worked into final products at temperatures between 10 °C and 80 °C. The pH-tolerance is given for acidic to slight alkaline environment (pH 4-8). Strong oxidants and strong alkali lead to decomposition of the actives. Nonionic detergents – for example Tween 80 – may cause deactivation.

Storage

Storage is recommended in tightly closed original-containers at temperatures between 5 °C and 25°C.

INCI-Nomenclature

60-12-8	Phenethyl Alcohol (Fragrance)
1117-86-8	Caprylyl Glycol
504-63-2	Propanediol
75798-42-4	Polyglyceryl-4 Laurate/Sebacate
51033-35-3	Polyglyceryl-6 Caprylate/Caprates

Details regarding handling, toxicity and labelling are available in the Safety Data Sheet (SDS).

Regulatory requirements governing the use, registration, and approval of preservatives around the world are continually changing and evolving.

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