

BEAUTY

PERSONAL

Solvents for Perfumes

Why is the role of solvents essential?

Solvents are the functional foundation of every perfume formulation. They dissolve fragrance compounds, stabilize sensitive molecules, and ensure that a perfume unfolds harmoniously—from the sparkling top note to the warm base. Ethanol, in particular, has established itself as the universal carrier: it dissolves most aroma compounds, evaporates in a controlled manner, and efficiently transports the scent into the surrounding air.

What makes solvents indispensable in perfumes?

- **Dissolving & blending:** They bring hundreds of fragrance molecules into a homogeneous, stable formulation.
- **Scent release:** As they evaporate, solvents carry fragrance molecules into the air and control the release of scent notes.
- **Stability:** Especially alcohol protects the formulation from microbial contamination and the degradation of sensitive aromas.
- **Scent profile & longevity:** Solvents determine the intensity, projection, and lasting power of a perfume.
- **Flexibility:** Special solvents like benzyl alcohol or glycol ethers add extra scent nuances or technical functions.

Water alone is not enough: Many fragrance compounds are not water-soluble and would not distribute evenly—nor could they fully develop their olfactory effect. The rapid evaporation and high dissolving power of alcohol are crucial for modern perfumes.

Solvents also play a key role in fragrance extraction: Whether using traditional methods like enfleurage or modern extraction techniques, solvents are essential for efficiently transferring characteristic fragrance molecules from the plant into the raw material.

SPOT ON

Ethanol (CAS: 64-17-5 – EC: 200-578-6)

Iso-Propanol (CAS: 67-63-0 – EC: 200-661-7)

Ethylacetate (CAS : 141.78-6 – EC : 205-500-4)

n-Butyl acetate (CAS : 123-86-4 – EC: 204-658-1)

Glycol Ethers E-/P-Series



CONSUMER & PROFESSIONAL USE – WIDE DISPERSIVE USE

EUROPEAN SOLVENTS INDUSTRY GROUP

Rue Belliard 40, Bte 15, B-1040 Brussels, Belgium

www.esig.org or esig@cefic.be

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