

## TECHNICAL DATA SHEET

**Product Name:** Perfume Alcohol with Fixatives

**INCI Name:** Ethanol, Benzyl Benzoate, 1,3 Propanediol, Dipropylene Glycol (DPG), PPG-20 Methyl Glucose Ether, PEG-40 Hydrogenated Castor Oil, Ambermore, Ambrettolide, Ambrocenide, Amber Xtreme, BHT (Butylated Hydroxytoluene), Butyl Methoxydibenzoylmethane, t-Butyl Alcohol.

**CAS:** 64-17-5, 75-65-0, 120-51-4, 504-63-2, 25265-71-8, 106172-45-0, 61788-85-0, 6790-58-5, 28645-51-4, 20094-69-1, 128-37-0, 70356-09-1.

**Chemical Classification:** Mixture

**Functional Category:** Perfume Alcohol with Fixatives

**Description:** Perfume Maker is a sophisticated formulation used for creating perfumes and fragrance compositions. Its primary role is to extend fragrance longevity and enhance diffusion. The composition is carefully designed to synergistically fix fragrance notes, ensuring they last longer on skin or fabric. The included fixatives allow for the gradual evaporation of fragrance molecules, preventing the premature disappearance of top and middle notes. This feature is particularly crucial for crafting delicate citrus and floral scents, which naturally tend to evaporate quickly. The formulation includes molecules like Ambroxan and Ambrettolide, synthetic analogs of natural amber components, which add depth and complexity to fragrances, acting both as fixatives and fragrance carriers. Ambrocenide and Amber Xtreme, from the woody and amber molecule group, provide intensity and a pronounced longevity to the scent composition. Tests conducted with PPG-20 Methyl Glucose Ether demonstrated that the longevity of sweet orange essential oil—one of the most volatile fragrances, typically lasting only two minutes on skin—was extended to half an hour or more. For enhanced functionality, the base includes co-solvents like Dipropylene Glycol (DPG) and 1,3-Propanediol. These ingredients enable excellent solubility of fragrance oils and uniform component dispersion, contributing to base stability and reducing sedimentation of fragrance materials. Perfume Maker is neutral and odorless, ensuring it does not disrupt the fragrance balance. It is lightweight yet highly effective in prolonging fragrance performance, making it suitable for both personal care products and fine perfume formulations. Its multifunctionality and high compatibility with various fragrance materials make Perfume Maker an indispensable tool for perfumers. It ensures stability,

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longevity, and quality of fragrance compositions.

**Usage Instructions:** Perfume Maker is an anhydrous perfume alcohol with fixatives, used as a base for creating perfumes, eau de toilette, and colognes. The proportion of fragrance components varies depending on the desired fragrance strength:

Extrait de Parfum: 20–30% fragrance components

Eau de Parfum (EDP): 15–20%

Eau de Toilette (EDT): 8–15%

Eau de Cologne (EDC): 3–5%

Add the desired amount of Perfume Maker base to an appropriate container, gradually incorporating fragrance components with careful mixing to ensure even dispersion. For precise measurements, a digital scale is recommended, along with recording proportions for future replication. After mixing, allow the perfume to rest so that the fragrance components fully blend, a process known as maturation or maceration. Store the perfume in dark, tightly sealed bottles in a cool, dark place. The recommended maturation time is 2 to 4 weeks, though preliminary results can be tested earlier. If sediment or cloudiness appears during maceration, filter the perfume through a paper filter or fine gauze to achieve a clear and bright result. Once ready, the perfume can be transferred into appropriate spray bottles and is ready for use or sale.

**Animal Testing:** Not tested on animals

**GMO:** Non-GMO

**Vegan:** Contains no animal-derived components

**Raw Material Origin:** USA

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