



ELAROMA - PEIBT™ (Phenoxy Ethyl Iso Butyrate)

Technical Datasheet

1. Technical Datasheet

Property	Specification
Physical Properties	
Appearance	Clear, colorless liquid
Physical Form	Liquid
Odor	Honey, roselike odor
Molecular Weight (g/mol)	208.25
Density or Specific Gravity	1.044-1.048
Viscosity	6.66mm ² /s
Refractive Index	1.491-1.496
Density	1.044-1.048
Chemical Properties	
Water Solubility	196mg/L at 20°C
Thermal Properties	
Boiling Point	125 to 127 °C @ 4.00 mm Hg
Flash Point	>230 °F
Solvent	
Water	0.01-0.02%
Ethanol	Miscible
Diethyl ether	Miscible
Acetone	Miscible
DMSO	Miscible
Other organics	Miscible

2. Processing Methods



Perfume

Add directly to the perfume oil concentrate before dilution with alcohol to ensure a uniform and stable blend. Use at 0.2-10%, as it serves as a fragrance modifier and fixative, adding a soft, fruity-floral nuance and enhancing diffusion.

Key Ingredients	Indicative Dosage (% w/w)
Anisic aldehyde	7.6%
Benzaldehyde	2.6%
Benzyl acetate	3.0%
Eugenol	2.6%
Bourgeonal	2.4%
Isobutyl salicylate	3.8%
Phenoxyethyl Isobutyrate (PEIB)	10.0%
Mefrosol (Q - fixative)	10.0%
Other aroma compounds ¹	58.0%

Shampoo

Add during the cool-down phase, to maintain fragrance integrity and prevent volatility loss. Pre-mix with the fragrance oil and a solubilizer to ensure even dispersion in the aqueous base.

Key Ingredients	Indicative Dosage (% w/w)
Water	~63%
Sodium Laureth Sulfate	15%
Cocamidopropyl Betaine	6%
Glycerin	3%
Citric Acid	0.3%
Polyquaternium-10	0.2%
Disodium EDTA	0.1%
Preservative (Phenoxyethanol + EHG)	0.8%
Fragrance Blend	~11%
Phenoxy Ethyl Isobutyrate	0.5%



Soap

Add during the fragrance phase, once the soap base cools, to reduce evaporation and preserve scent integrity. Pre-blend with fragrance oils to ensure even dispersion throughout the soap mixture.

Key Ingredients	Indicative Dosage (% w/w)
Sodium Palmate	40%
Sodium Palm Kernelate	25%
Water	15%
Glycerin	5%
Sorbitol	5%
Titanium Dioxide	1%
Tetrasodium EDTA	0.1%
BHT	0.2%
Fragrance Blend	~8%
Phenoxy Ethyl Isobutyrate	0.5%

Cosmetic cream

Add during the cool-down phase, to preserve its delicate aroma and maintain emulsion stability. Pre-mix with the oil phase or fragrance blend to ensure proper distribution and avoid separation.

Key Ingredients	Indicative Dosage (% w/w)
Water	68%
Glycerin	5%
Caprylic/Capric Triglyceride	5%
Cetearyl Alcohol	4%
Glyceryl Stearate	3%
PEG-100 Stearate	2%
Dimethicone	2%
Carbomer	0.3%
Triethanolamine	0.2%
Tocopherol (Vitamin E)	0.3%
Phenoxyethanol & Ethylhexylglycerin	0.8%
Fragrance Blend	~9%
Phenoxy Ethyl Isobutyrate	0.5%



3. Dosing by Application

Products	Authorized dosage
Perfume/Fragrance	0.2% - 10%
Cosmetic Care	0.2% - 2%

The information and data contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof.

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