



ELAROMA – VrdPp™ (Verdyl Propionate)

Technical Datasheet

1. Technical Datasheet

Property	Specification
Physical Properties	
Appearance	Clear, Colorless To Pale Yellow Liquid
Physical Form	Clear, Colorless To Pale Yellow Liquid
Odor	Herbal, fruity, woody, floral.
Molecular Formula	C14H18O2
Molecular Weight	206.28 g/mol
Density	1.05 g/cm ³
Specific Gravity	1.048 - 1.056 @ 20°C
Refractive Index	1.4850 - 1.4990 @ 20°C
Assay / Purity	>97% (sum of isomers)
Chemical Properties	
pKa	7.18 (estimated, neutral)
Ionic Nature	Non-ionic
Incompatibilities	Strong oxidizing agents, strong acids, strong bases.
Hazardous Reactions / Decomposition Products	Carbon oxides under fire conditions.
Thermal Properties	
Melting Point	10-12°C
Boiling Point	144-146°C
Flash Point	100°C
Thermal Stability	Stable under normal conditions.
Solubility	
Solubility in Water	4.96 g/L (@ 25°C)
Solubility in Ethanol	995.55 g/L (@ 25°C)
Solubility in Methanol	1309.2 g/L (@ 25°C)
Solubility in Acetone	965.94 g/L (@ 25°C)



2. Processing Methods

Floral Green Citrus Accord

A clean, fresh, and lively floral accord for various applications.

Key Ingredients	Indicative Dosage (% w/w)
Verdyl Propionate	1.00
Romascone (10% solution)	1.00
Hexyl Salicylate	15.00
Verdox	12.00
Violettyne MIP	1.00
Dipropylene Glycol (DPG)	5.00

3. Dosing by Application

Application	Recommended / Max Dosage
Fine Fragrance / Alcoholic Perfume	0.05 - 0.80%
Body Care Products (Creams, Lotions)	0.02 - 0.40%
Home Care Products (Cleaners)	0.05 - 0.40%
Candles & Diffusers	0.10 - 0.40%
Fragrance Concentrate (Maximum)	Up to 10.00%

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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