



ELAROMA - pTBCHAC™ (Para Tertiary Butyl Cyclo Hexyl Acetate (PTBCHA))

Technical Datasheet

1. Technical Datasheet

Property	Specification
Physical Properties	
Appearance	Colorless to pale yellow liquid
Physical Form	Colorless to pale yellow liquid
Odor	Sweet, rich, and woody with powdery iris-orris facets
Molecular Weight	198.31 g/mol
Density / Specific Gravity	0.932 - 0.936 @ 25°C
Refractive Index	1.448 - 1.452 @ 25°C
Assay / Purity	trans Isomer: 60.0 - 77.0%
Chemical Properties	
Ionic Nature	Non-ionic
Incompatibilities	Strong oxidizing agents, strong acids and bases.
Hazardous Reactions / Decomposition Products	No dangerous decomposition products known under normal use. During combustion, may form carbon monoxide and unidentified organic compounds.
Thermal Properties	
Melting Point	<50 °C
Boiling Point	243 °C
Flash Point	>100 °C
Autoignition Temperature	390 °C
Decomposition Temperature	No decomposition if used according to specifications.
Thermal Stability	Stable under normal conditions.
Solubility	
Solubility in Water	39.6 mg/L @ 20°C
Solubility in Ethanol	1037.46 g/L @ 25°C
Solubility in Methanol	996.65 g/L @ 25°C
Solubility in Acetone	1599.15 g/L @ 25°C



2. Dosing by Application

Application	Recommended / Max Dosage
Detergents	0.5 - 5%
Fabric Softeners	1 - 10%
Fine Fragrances	0.5 - 20%
Shampoos, Creams, Colognes	Not specified, but widely used.
Soaps	Not specified, but a preferred choice for larger volumes.
General Perfumery Compounds	0.1 - 8%

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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