



ELAROMA – GX 50™ (Galaxolide)

Technical Datasheet

1. Technical Datasheet

Property	Specification
Physical Properties	
Appearance	Clear to pale yellow liquid
Physical Form	Liquid
Odor	Clean, sweet, floral, woody musk
Molecular Weight	258.4 g/mol
Density / Specific Gravity	0.965 g/cm ³
Viscosity	Highly viscous liquid
Refractive Index	1.5342 at 20 °C/D
Assay / Purity	≥ 74% (GC)
Chemical Properties	
Ionic Nature	Non-ionic
Incompatibilities	Strong oxidizing agents
Hazardous Reactions / Decomposition Products	Under fire conditions, may produce carbon oxides.
Thermal Properties	
Melting Point	-20 °C
Boiling Point	330 °C
Flash Point	> 93.3 °C
Autoignition Temperature	> 200 °C
Thermal Stability	Stable under normal conditions.
Solubility	
Solubility in Water	1.75 mg/L at 25 °C
Solubility in Ethanol	289.17 g/L at 25 °C
Solubility in Methanol	229.97 g/L at 25 °C
Solubility in Acetone	670.28 g/L at 25 °C

2. Dosing by Application



Application	Recommended / Max Dosage
Category 4: Fine Fragrance, Lotions	1.5%
General Use	Up to 50% in fragrance concentrate
Rinse-off Products	Higher limits permitted than for leave-on products

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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