



ELAROMA - DLM™ (D Limonene)

Technical Datasheet

1. Technical Datasheet

Property	Specification
Physical Properties	
Appearance	Clear, colorless liquid.
Physical Form	Clear, colorless liquid
Odor	Pleasant, lemon-like odor
Molecular Weight	136.23 g/mol
Density / Specific Gravity	0.841 g/cm ³
Viscosity	0.897 mPa·s (at 25 °C)
Refractive Index	1.4724 (at 20 °C)
Assay / Purity	95.52 % (area)
Chemical Properties	
Ionic Nature	Non-ionic
Incompatibilities	Strong oxidizing agents, strong acids, acidic clays, peroxides, halogens, vinyl chloride, and iodine pentafluoride.
Hazardous Reactions / Decomposition Products	On combustion, may emit toxic fumes of carbon monoxide (CO).
Thermal Properties	
Melting Point	-74.35 °C
Boiling Point	176 °C
Flash Point	51 °C (closed cup)
Autoignition Temperature	237 °C
Thermal Stability	Stable under normal conditions. Can be distilled without decomposition, but oxidizes in moist air.
Solubility	
Solubility in Water	Insoluble
Solubility in Ethanol	Miscible
Solubility in Methanol	Easily soluble
Solubility in Acetone	Easily soluble



Property	Specification
Solubility in Diethyl Ether	Miscible
Solubility in Glycerol	Slightly soluble
Solubility in Chloroform	Slightly Soluble
Solubility in Benzene	Soluble

2. Dosing by Application

Application	Recommended / Max Dosage
Food Industry	Flavouring substance
Fragrance Industry	Fragrance ingredient
Household and Institutional Cleaners	5-15%

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.

EXPLORE ELCHEMY'S PRODUCT PORTFOLIO

[ELAROMA - DLM™ \(D Limonene\)](#) | [Browse Catalog](#) | [Connect with us](#)