

Pepper Oleoresin

Technical Datasheet

1. Technical Datasheet

Property	Specification
Physical Properties	
Appearance	Dark brown viscous liquid
Physical Form	Dark brown viscous liquid
Odor	Warm, spicy, terpinaceous
Molecular Formula	C17H19NO3 (Piperine)
Density / Specific Gravity	0.900-1.020 (@ 25°C)
Viscosity	Viscous liquid
Refractive Index	1.480-1.505 (@ 20°C)
Assay / Purity	Volatile Content: 20-24 ml/100g
Chemical Properties	
Incompatibilities	Strong oxidizing agents
Hazardous Reactions / Decomposition Products	Carbon monoxide and other unidentified organic compounds may be formed upon combustion.
Thermal Properties	
Melting Point	0 to 10°C (pour point)
Boiling Point	250-300°C (estimated)
Flash Point	80 °C
Thermal Stability	Stable under normal conditions.
Solubility	
Solubility in Water	Insoluble
Solubility in Ethanol	Soluble
Solubility in Oils	Soluble
Solubility in Organic Solvents	Soluble

2. Dosing by Application



Application	Recommended / Max Dosage
Finished Food	5-50 ppm
Flavor Concentrate	0.05-0.5%
Fragrance Concentrate	up to 4.0000 %

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

[Pepper Oleoresin](#) | [Browse Catalog](#) | [Connect with us](#)