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Typical Product Specifications & Properties

Eugenol

CAS Number: : 97-53-0

Specifications	Limits
Density	1.064-1.070
Very Soluble	in water
Refractive Index	1.54400 to 1.58900 @ 20.00 °C
Melting Point	-12.00 to -10.00 °C. @ 760.00 mm Hg
logP (o/w)	2.27
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Odor	sweet spicy clove woody
Taste	Sweet, warm spicy clove with phenolic and woody nuances
Specific gravity	1.06400 to 1.07000 @ 25.00 °C
Boiling Point	252.00 to 253.00 °C. @ 760.00 mm Hg
Acid Value	1.00 max. KOH/g
Flash Point	> 200.00 °F.TCC



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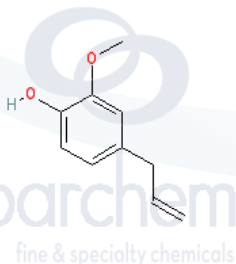
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Specifications	Limits
Odor Type	spicy
Pounds/Gallon	8.854 to 8.903
Shelf Life	24.00 month(s) or longer if stored properly
Appearance	pale yellow to dark yellow clear liquid
Assay	98.00 to 100.00 %
Boiling Point	121.00 to 124.00 °C. @ 10.00 mm Hg
Vapor Pressure	0.010400 mm/Hg @ 25.00 °C
Molecular weight	164.22
Color	colorless or yellowish liquid
Solubility	alcohol, chloroform, ether, volatile oils, most org. solvs.
Chemical Structure	 <p>The chemical structure shows a benzene ring with a hydroxyl group (-OH) at the 1-position, a methoxy group (-OCH₃) at the 2-position, and an allyl group (-CH₂-CH=CH₂) at the 4-position. The parchem logo is overlaid on the structure.</p>



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