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## Typical Product Specifications & Properties

# allyl octanoate

CAS Number: : 4230-97-1

Specifications	Limits
Density	0.8550
Slightly Soluble	in propylene glycol
Pounds/Gallon	7.298 to 7.364
Assay	98.00 to 100.00 %
Boiling Point	223.00 to 225.00 °C. @ 760.00 mm Hg
Acid Value	1.00 max. KOH/g
Flash Point	174.00 °F.TCC
Vapor Pressure	0.053900 mm/Hg @ 25.00 °C
Taste	Fatty, fruity, pineapple tropical-like
Appearance	colorless clear oily liquid
Specific gravity	0.87600 to 0.88400 @ 20.00 °C
Refractive Index	1.42500 to 1.43300 @ 20.00 °C



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Specifications	Limits
Boiling Point	87.00 to 88.00 °C. @ 5.50 mm Hg
Vapor Density	6.3
logP (o/w)	4.18
Odor Type	fatty
Odor	Fatty and waxy, sweet, fruity pineapple-like with a green tropical nuance
Insolubility	in glycerin, water
Molecular weight	184.31
Color	colorless liquid
Solubility	alcohol, fixed oils
Chemical Structure	 <p>The chemical structure shows a branched ester molecule. It consists of a 2-methylbutanoate group (CH<sub>3</sub>-CH(CH<sub>3</sub>)-CH<sub>2</sub>-C(=O)-) attached to a hexyl group (-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>3</sub>). The ester oxygen is highlighted in red.</p> <p><b>parchem</b> fine &amp; specialty chemicals</p>



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