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## Typical Product Specifications & Properties

# (E)-2-decen-1-al

CAS Number: : 3913-81-3

Specifications	Limits
Density	6.956-7.040 lbgal
Assay	96.00 to 100.00 % sum of isomers
Pounds/Gallon	6.956 to 7.040
Refractive Index	1.45200 to 1.45700 @ 20.00 °C
Vapor Pressure	0.078000 mm/Hg @ 25.00 °C
Vapor Density	5.3
Odor Type	waxy
Odor	Waxy, fatty, earthy, coriander, green, mushroom, aldehydic with a chicken and pork fat nuance
Appearance	colorless to pale yellow clear liquid
Boiling Point	228.00 to 230.00 °C. @ 760.00 mm Hg
Acid Value	1.00 max. KOH/g
Flash Point	190.00 °F.TCC



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Specifications	Limits
Boiling Point	78.00 to 80.00 °C. @ 3.00 mm Hg
logP (o/w)	3.70
Specific gravity	0.83600 to 0.84600 @ 25.00 °C
Taste	Waxy, fatty, earthy, coriander, mushroom, green with a pork fat nuance
Insolubility	in water
Molecular weight	154.25
Color	colorless to pale yellow liquid
Solubility	alcohol, fixed oils, most org. solvs.
Chemical Structure	 <p>Chemical structure of hexyl acrylate is shown, featuring a vinyl group (CH<sub>2</sub>=CH-) attached to an ester group (-COO-) with a six-carbon alkyl chain (hexyl group).</p>



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