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## Typical Product Specifications & Properties

# 1-octen-3-one

CAS Number: : 4312-99-6

Specifications	Limits
Appearance	colorless clear liquid
Assay	49.00 to 100.00 % sum of isomers
Specific gravity	0.83600 to 0.84400 @ 25.00 °C
Refractive Index	1.43200 to 1.43900 @ 20.00 °C
logP (o/w)	2.17
Taste	Intense creamy earthy mushroom with fishy and vegetative nuances
Vapor Density	4.3
Pounds/Gallon	6.956 to 7.023
Flash Point	125.00 °F.TCC
Odor Type	mushroom
Boiling Point	59.00 to 60.00 °C. @ 16.00 mm Hg
Vapor Pressure	1.060000 mm/Hg @ 25.00 °C



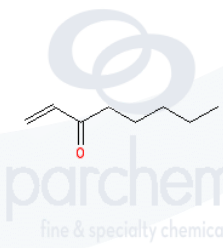
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Specifications	Limits
Odor	herbal mushroom earthy musty dirty
Insolubility	in water
Solubility	most org. solvs.
Molecular weight	126.2
Chemical Structure	 <chem>CCCCC/C=C/C(=O)C</chem>
Color	colorless to pale yellow liquid



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