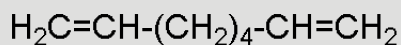
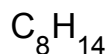


1,7-Octadiene



Synonyms	alpha, omega -Octadiene, Octa-1,7-diene
CAS-No.	3710-30-3
Molar Mass	110.2 g/mol
Packaging	drums 19 kg (42 lb) net, drums 140 kg (308 lb) net

Specification

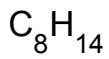
Property	Value	Unit	Method
Purity	min. 98	%	P1-AV-19 *) [GC]

* In-house method

Physical Data

Property	Value (approx.)	Unit	Method
Melting point/Solidification point	below - 94	°F	ASTM-D-1015
Boiling point at 1013 hPa	246	°F	ASTM-D-1078
Boiling point at 80 hPa	117	°F	ASTM-D-1078
Specific heat at 212 °F	2.55	J/(g K)	
Density (68 °F)	6.10	lb/gallon	ASTM-D-941
Refractive index n_D^{20} (68 °F)	1.422		ASTM-D-1747
Viscosity (68 °F)	0.5	mPa s	ASTM-D-2270
Flash point	48	°F	DIN EN ISO 13736

1,7-Octadiene



further data

Physical Data

Property	Value (approx.)	Unit	Method
Ignition temperature	446	°F	ASTM-E-659
Solubility in water at 68 °F	0.008	g/100 g	
Solubility in methanol and cyclohexane	miscible		

Safety data, transport regulations and toxicological data are indicated in the safety data sheet.

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