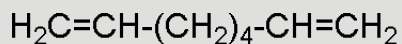
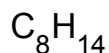


1,7-Octadiene



Synonyms	α , ω -Octadiene, Octa-1,7-diene
CAS-No.	3710-30-3
Molar Mass	110.2 g/mol
Packaging	drums 19 kg net, drums 140 kg 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 - 70	°C	ASTM-D-1015
Boiling point at 1013 hPa	119	°C	ASTM-D-1078
Boiling point at 80 hPa	47	°C	ASTM-D-1078
Specific heat at 100 °C	2.55	J/(gK)	
Density (20 °C)	0.731	g/ml	ASTM-D-941
Refractive index (n_D^{20})	1.422		ASTM-D-1747
Viscosity (20 °C)	0.5	mPa s	ASTM-D-2270
Flash point	9	°C	DIN EN ISO 13736
Ignition temperature	230	°C	ASTM-E-659
Solubility in water at 20 °C	0.08	g/l	
Solubility in methanol and cyclohexane	miscible		

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

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.