



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-9-Hexadecenal	Product code	EP00004
CAS No.	56219-04-6	Pheromone code	9Z-16:Ald
Molecular formula	C16H30O	Molecular weight	238.41

Specification

Property	Specification	Method
Appearance	Clear, colourless to yellow oily liquid	Visual
Chemical purity	≥ 98.0 %	GC-FID (PEG)
Isomeric purity (9Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Physical properties (literature reference)

Boiling point	330.9 °C / pressure not stated	Density	0.840 g/cm ³
Flash point	161.5 °C		

Storage and handling

Storage conditions	2–8 °C (or –20 °C), protected from light, under nitrogen, container filled to minimise headspace	Retest period	12 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Target species	Helicoverpa zea; Scirpophaga incertulas; Helicoverpa armigera
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