



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-9-Heptacosene	Product code	EP00097
CAS No.	36258-12-5	Pheromone code	9Z-27:Hy
Molecular formula	C ₂₇ H ₅₄	Molecular weight	378.72

Specification

Property	Specification	Method
Appearance	Clear, colourless liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (9Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Storage and handling

Storage conditions	2–8 °C, protected from light, tightly closed	Retest period	12 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Sex pheromone
Target species	<i>Conogethes punctiferalis</i> (yellow peach moth); <i>Musca domestica</i> (housefly)
Order / family	Lepidoptera: Crambidae
Reported use	Monitoring
Reported blend components	(3Z,6Z,9Z)-tricosatriene; (E)-10-hexadecenal; (Z)-10-hexadecenal
Key reference	doi:10.1093/jee/toac161; doi:10.1007/bf02535904