



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-8-Dodecenyl acetate	Product code	EP00101
CAS No.	28079-04-1	Pheromone code	8Z-12:OAc
Molecular formula	C ₁₄ H ₂₆ O ₂	Molecular weight	226.36

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (8Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Physical properties (literature reference)

Boiling point	300.1 °C / pressure not stated		
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Storage and handling

Storage conditions	2–8 °C, protected from light, tightly closed	Retest period	24 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Sex pheromone
Target species	Grapholita funebrana (plum fruit moth); Grapholita molesta (oriental fruit moth)
Order / family	Lepidoptera: Tortricidae; Lepidoptera: Tortricidae
Crops	Plum
Reported use	Mating disruption
Key reference	doi:10.3390/insects11090589; doi:10.3390/insects15120918