



TECHNICAL DATA SHEET

Standard grade

Product name	Z-8-Dodecen-1-ol	Product code	EP00100
CAS No.	40642-40-8	Pheromone code	8Z-12:OH
Molecular formula	C ₁₂ H ₂₄ O	Molecular weight	184.32

Specification

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

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 (PFM)); Grapholita molesta (oriental fruit moth (OFM))
Order / family	Lepidoptera: Tortricidae
Crops	Rosaceae fruit trees
Reported blend components	Z8-12:Ac (Z-8-dodecenyl acetate); E8-12:Ac (E-8-dodecenyl acetate); Z8-14:Ac; Z10-14:Ac
Key reference	doi:10.3390/insects15120918; doi:10.1016/j.jinsphys.2014.10.011