



TECHNICAL DATA SHEET

Standard grade

Product name	Dodecyl acetate	Product code	EP00160
CAS No.	112-66-3	Pheromone code	12:OAc
Molecular formula	C ₁₄ H ₂₈ O ₂	Molecular weight	228.37

Specification

Property	Specification	Method
Appearance	Clear, colourless liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)

Physical properties (literature reference)

Boiling point	150 °C / 15 mm Hg	Density	0.860 g/cm ³
Refractive index	n _D 1.410	Solubility	Soluble in most organic solvents

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	Cossus cossus (European goat moth); Sesamia nonagrioides (Mediterranean corn borer)
Order / family	Lepidoptera: Noctuidae
Crops	Maize
Reported blend components	(Z)-11-hexadecenyl acetate; (Z)-11-hexadecen-1-ol; (Z)-11-hexadecenal
Reported blend ratio	(Z)-11-hexadecenyl acetate, (Z)-11-hexadecen-1-ol, (Z)-11-hexadecenal: 77:8:10:5
Key reference	doi:10.1002/ps.1387; doi:10.1007/bf00988036