



TECHNICAL DATA SHEET

Standard grade

Product name	Decyl acetate	Product code	EP00156
CAS No.	112-17-4	Pheromone code	10:OAc
Molecular formula	C ₁₂ H ₂₄ O ₂	Molecular weight	200.32

Specification

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

Physical properties (literature reference)

Flash point	53 °C		
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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	Alarm pheromone
Target species	Frankliniella occidentalis (western flower thrips); Polymerus pekinensis
Order / family	Thysanoptera: Thripidae; Hemiptera: Miridae
Crops	Alfalfa (Medicago sativa)
Reported blend components	dodecyl acetate; octyl acetate
Reported blend ratio	dodecyl acetate: approximately 1.5:1 (molar)
Dispenser loading	≥2 mg per lure
Key reference	doi:10.1007/bf00985001; doi:10.3390/insects16020111