



TECHNICAL DATA SHEET

Standard grade

Product name	Tetradecyl acetate	Product code	EP00162
CAS No.	638-59-5	Pheromone code	14:OAc
Molecular formula	C ₁₆ H ₃₂ O ₂	Molecular weight	256.42

Specification

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

Physical properties (literature reference)

Density	0.865 g/cm ³	Flash point	133.6 °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	Sex pheromone
Target species	<i>Pandemis heparana</i>
Order / family	Lepidoptera: Tortricidae
Reported blend components	(Z)-11-tetradecen-1-yl acetate; (Z)-9-tetradecen-1-yl acetate; (Z)-11-tetradecen-1-ol; dodecyl acetate
Reported blend ratio	(Z)-11-tetradecen-1-yl acetate: 90% (Z)-9-tetradecen-1-yl acetate, (Z)-11-tetradecen-1-ol: 5%
Key reference	doi:10.1007/bf00989635