



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-11-Hexadecenyl acetate	Product code	EP00028
CAS No.	34010-21-4	Pheromone code	11Z-16:OAc
Molecular formula	C18H34O2	Molecular weight	282.46

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (11Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Physical properties (literature reference)

Density	0.875 g/cm ³	Flash point	88.4 °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	Sesamia inferens (purple stem borer / pink rice borer); Chilo suppressalis (rice stem borer)
Order / family	Lepidoptera: Noctuidae
Crops	Rice
Reported blend components	Z11-16:OH; Z11-16:Ald
Key reference	doi:10.1007/s10886-014-0433-1; doi:10.1111/imb.12109