



TECHNICAL DATA SHEET

Standard grade

Product name	3Z,13Z-Octadecadienyl Acetate	Product code	EP00090
CAS No.	53120-27-7	Pheromone code	3Z,13Z-18:OAc
Molecular formula	C ₂₀ H ₃₆ O ₂	Molecular weight	308.5

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (3Z,13Z)	≥ 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	<i>Synanthedon bicingulata</i>
Crops	Prunus
Reported blend components	(E,Z)-3,13-octadecadienyl acetate (E3,Z13-18:OAc)
Reported blend ratio	(E,Z)-3,13-octadecadienyl acetate (E3,Z13-18:OAc): 4:6
Key reference	doi:10.1007/s10886-011-9929-0