



TECHNICAL DATA SHEET

Standard grade

Product name	(E,Z)-3,13-Octadecadien-1-ol	Product code	EP00073
CAS No.	66410-28-4	Pheromone code	3E,13Z-18:OH
Molecular formula	C18H34O	Molecular weight	266.46

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (3E,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	Paranthrene tabaniformis (poplar clearwing moth)
Order / family	Lepidoptera: Sesiidae
Reported blend components	(3Z,13Z)-octadeca-3,13-dien-1-ol (Z3,Z13-18:OH); (2E,13Z)-octadeca-2,13-dien-1-ol (E2,Z13-18:OH)
Dispenser loading	200 µg synthetic compound per trap
Key reference	doi:10.1515/znc-2007-1-223; doi:10.1007/bf01012346