



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-13-Octadecen-1-ol	Product code	EP00020
CAS No.	69820-27-5	Pheromone code	13Z-18:OH
Molecular formula	C18H36O	Molecular weight	268.48

Specification

Property	Specification	Method
Appearance	Clear, colourless to yellow oily liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (13Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Physical properties (literature reference)

Density	0.847 g/cm ³	Flash point	146.8 °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	Chilo sacchariphagus; Chilo infuscatellus; Cnaphalocrocis medinalis (rice leaffolder)
Order / family	Lepidoptera: Crambidae; Lepidoptera: Pyralidae
Crops	Sugarcane; rice
Reported blend components	(Z)-11-hexadecenyl acetate (Z11-16:Ac); (Z)-13-octadecenyl acetate (Z13-18:Ac); (Z)-11-hexadecenal (Z11-16:Al)
Key reference	doi:10.1093/jisesa/ieaf084; doi:10.1017/s0007485316000560