



TECHNICAL DATA SHEET

Standard grade

Product name	(9Z,12E)-Tetradecadien-1-ol	Product code	EP00147
CAS No.	42521-46-0	Pheromone code	9Z,12E-14:OH
Molecular formula	C14H26O	Molecular weight	210.36

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (9Z,12E)	≥ 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	Spodoptera exigua (beet armyworm)
Order / family	Lepidoptera: Noctuidae
Reported blend components	Z9,E12-14:Ac; Z9-14:Ac; Z11-16:Ac; Z9-14:OH
Reported blend ratio	Z9,E12-14:Ac, Z9-14:Ac, Z11-16:Ac: 26:11:1:22:31:9 (compounds 1:2:3:4:5:6; this compound is 4)
Key reference	doi:10.1007/s10886-010-9817-z