



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-9-Tetradecen-1-ol	Product code	EP00006
CAS No.	35153-15-2	Pheromone code	9Z-14:OH
Molecular formula	C14H28O	Molecular weight	212.37

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (9Z)	≥ 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
Crops	Maize
Reported use	Monitoring
Reported blend components	Z9,E12-14:Ac; Z9-14:Ac; Z11-16:Ac; Z9,E12-14:OH
Reported blend ratio	Z9,E12-14:Ac: 26 Z9-14:Ac: 11 Z11-16:Ac: 1
Key reference	doi:10.1007/s10886-010-9817-z; doi:10.7717/peerj.17223