



TECHNICAL DATA SHEET

Standard grade

Product name	Tetradecan-1-ol	Product code	EP00170
CAS No.	112-72-1	Pheromone code	14:OH
Molecular formula	C ₁₄ H ₃₀ O	Molecular weight	214.39

Specification

Property	Specification	Method
Appearance	White crystals	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)

Physical properties (literature reference)

Melting point	37.7 °C	Boiling point	295.8 °C / pressure not stated
Density	0.824 g/cm ³	Refractive index	n _D 1.4358 (50 °C)
Flash point	140.5 °C	Solubility	In water, 1.91X10 ⁻¹ mg/L at 25 °C

Storage and handling

Storage conditions	Room temperature, dry, 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	Cydia pomonella (codling moth)
Order / family	Lepidoptera: Tortricidae
Crops	Apple; pear; walnut
Reported blend components	(E,E)-8,10-dodecadien-1-ol; dodecan-1-ol; decan-1-ol; (E)-9-dodecen-1-ol
Key reference	doi:10.1007/bf00982304; doi:10.3390/ijms25031746