



TECHNICAL DATA SHEET

Standard grade

Product name	Hexadecan-1-ol	Product code	EP00158
CAS No.	36653-82-4	Pheromone code	16:OH
Molecular formula	C ₁₆ H ₃₄ O	Molecular weight	242.44

Specification

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

Physical properties (literature reference)

Melting point	49.3 °C	Boiling point	334 °C / 760 mm Hg
Density	0.8187 g/cm ³ (50 °C)	Refractive index	n _D 1.4283 (79 °C)
Flash point	175 °C	Solubility	In water, 4.1X10 ⁻² 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)

Target species	Helicoverpa armigera
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