



TECHNICAL DATA SHEET

Standard grade

Product name	4-Methyl-3-heptanol	Product code	EP00248
CAS No.	14979-39-6	Pheromone code	—
Molecular formula	C ₈ H ₁₈ O	Molecular weight	130.23

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)

Physical properties (literature reference)

Flash point	54 °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	Aggregation pheromone
Target species	<i>Scolytus multistriatus</i> ; <i>Scolytus pygmaeus</i> ; <i>Scolytus scolytus</i> ; <i>Scolytus amygdali</i>
Order / family	Coleoptera: Scolytidae; Coleoptera: Scolytidae; Coleoptera: Scolytidae
Crops	American elm; <i>Ulmus americana</i> ; almond
Reported use	Monitoring
Reported blend components	α-multistriatin; α-cubebene; cubeb oil; (3S,4S)-4-methyl-3-hexanol
Reported blend ratio	α-multistriatin, α-cubebene: 1:1:8 (H:M:C)
Trap type	sticky trap
Key reference	doi:10.1007/bf00988417; doi:10.1007/bf01403098