



TECHNICAL DATA SHEET

Standard grade

Product name	4-Methylnonan-5-ol	Product code	EP00149
CAS No.	152045-16-4	Pheromone code	—
Molecular formula	C ₁₀ H ₂₂ O	Molecular weight	158.28

Specification

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

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	Rhynchophorus ferrugineus (red palm weevil (Asian palm weevil)); Rhynchophorus vulneratus
Order / family	Coleoptera: Curculionidae (Dryophthorinae); Coleoptera: Curculionidae
Crops	Palm trees; date palm; Phoenix canariensis (Canary Islands date palm)
Reported use	Monitoring
Reported blend components	4(RS)-methylnonan-5-one (ferrugineone); ethyl acetate; ethanol
Dispenser loading	emission rates of 0.6-3.8 mg day ⁻¹ (lowest, reduced captures) up to 4-5 mg day ⁻¹ (captures plateaued), in Picusan® pyramidal traps
Trap type	pyramidal Picusan® trap
Key reference	doi:10.1111/mec.15874; doi:10.1002/ps.4289