



TECHNICAL DATA SHEET

Standard grade

Product name	4-Methylnonan-5-one	Product code	EP00148
CAS No.	35900-26-6	Pheromone code	—
Molecular formula	C ₁₀ H ₂₀ O	Molecular weight	156.27

Specification

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

Physical properties (literature reference)

Density	0.817 g/cm ³	Flash point	69.9 °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	Rhynchophorus ferrugineus (red palm weevil); Rhynchophorus vulneratus
Order / family	Coleoptera: Curculionidae
Reported blend components	(4RS,5RS)-4-methylnonan-5-ol (ferrugineol)
Key reference	doi:10.1111/mec.15874; doi:10.1007/bf02055104