



TECHNICAL DATA SHEET

Standard grade

Product name	4,8-Dimethyldecanal	Product code	EP00227
CAS No.	75983-36-7	Pheromone code	—
Molecular formula	C ₁₂ H ₂₄ O	Molecular weight	184.32

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 98.0 %	GC-FID (PEG)

Storage and handling

Storage conditions	2–8 °C (or –20 °C), protected from light, under nitrogen, container filled to minimise headspace	Retest period	12 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Aggregation pheromone
Target species	<i>Tribolium castaneum</i> (red flour beetle); <i>Tribolium confusum</i> (confused flour beetle); <i>Tribolium freemani</i>
Order / family	Coleoptera: Tenebrionidae
Crops	Wheat; rice; flour; grain
Reported use	Monitoring
Trap type	dome trap
Key reference	doi:10.1007/s10886-005-5292-3; doi:10.1023/a:1014587927784