



TECHNICAL DATA SHEET

Standard grade

Product name	trans-Verbenol	Product code	EP00240
CAS No.	1820-09-3	Pheromone code	—
Molecular formula	C ₁₀ H ₁₆ O	Molecular weight	152.24

Specification

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

Physical properties (literature reference)

Density	1.002 g/cm ³	Flash point	84.51 °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	Dendroctonus ponderosae (mountain pine beetle); Dendroctonus frontalis (southern pine beetle); Ips paraconfusus; Tomiscus yunnanensis
Order / family	Coleoptera: Curculionidae: Scolytinae
Crops	Pinus yunnanensis; jack pine
Reported blend components	frontalin
Key reference	doi:10.1016/j.cois.2020.11.010; doi:10.1073/pnas.1722380115