



TECHNICAL DATA SHEET

Standard grade

Product name	(+)-Verbenone	Product code	EP00051
CAS No.	18309-32-5	Pheromone code	9:Kt
Molecular formula	C ₁₀ H ₁₄ O	Molecular weight	150.22

Specification

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

Physical properties (literature reference)

Density	0.992 g/cm ³	Flash point	85 °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	Anti-aggregation pheromone
Target species	<i>Ips pini</i> ; <i>Anisandrus sayi</i> ; <i>Euwallacea validus</i> ; <i>Hypothenemus dissimilis</i>
Order / family	Coleoptera: Curculionidae; Coleoptera: Scolytidae
Reported blend components	ipsdienol; lanierone; (E)-2-hexen-1-ol; (Z)-2-hexen-1-ol
Dispenser loading	7.84-g verbenone pouch; 70 g of SPLAT Verb (10% verbenone)
Trap type	funnel trap
Key reference	doi:10.1093/jee/toad016; doi:10.1603/en13016