



TECHNICAL DATA SHEET

Standard grade

Product name	2-Methyl-6-methylene-2,7-octadien-4-ol	Product code	EP00080
CAS No.	14434-41-4	Pheromone code	—
Molecular formula	C10H16O	Molecular weight	152.23

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	<i>Ips pini</i> (pine engraver beetle); <i>Ips paraconfusus</i> (California five-spined ips); <i>Ips confusus</i> (pinyon ips); <i>Ips avulsus</i>
Order / family	Coleoptera: Scolytidae
Crops	<i>Pinus banksiana</i> (jack pine)
Reported blend components	lanierone (2-hydroxy-4,4,6-trimethyl-2,5-cyclohexadien-1-one)
Reported blend ratio	lanierone (2-hydroxy-4,4,6-trimethyl-2,5-cyclohexadien-1-one): 20 µg/day lanierone with 1 mg/day ipsdienol
Key reference	doi:10.1007/bf00984952; doi:10.1073/pnas.92.18.8393