



TECHNICAL DATA SHEET

Standard grade

Product name	(1S,5S)-4,6,6-Trimethylbicyclo[3.1.1]hept-3-en-2-one	Product code	EP00095
CAS No.	1196-01-6	Pheromone code	—
Molecular formula	C ₁₀ H ₁₄ O	Molecular weight	150.22

Specification

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

Physical properties (literature reference)

Boiling point	89–90 °C / 12 mm Hg	Density	0.975 g/cm ³
Refractive index	n _D 1.490	Solubility	Practically insoluble to insoluble in water

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)

Target species	Dendroctonus ponderosae (mountain pine beetle); Ips typographus (Eurasian spruce bark beetle)
Order / family	Coleoptera: Curculionidae
Crops	Pinus albicaulis (whitebark pine)
Key reference	doi:10.1093/jee/toaa289; doi:10.1016/j.ibmb.2021.103680