



TECHNICAL DATA SHEET

Standard grade

Product name	Frontalin	Product code	EP00237
CAS No.	28401-39-0	Pheromone code	—
Molecular formula	C ₈ H ₁₄ O ₂	Molecular weight	142.2

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	Dendroctonus frontalis (Southern pine beetle); Dendroctonus valens (red turpentine beetle); Dendroctonus ponderosae (mountain pine beetle)
Crops	Pine; pine trees
Reported use	Monitoring
Reported blend components	alpha-pinene; 3-carene
Key reference	doi:10.1007/bf00994788; doi:10.1093/chemse/bjt019