



TECHNICAL DATA SHEET

Standard grade

Product name	Chalcogran	Product code	EP00244
CAS No.	38401-84-2	Pheromone code	—
Molecular formula	C ₉ H ₁₆ O ₂	Molecular weight	156.22

Specification

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

Physical properties (literature reference)

Density	1.010 g/cm ³	Flash point	74.3 °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	Pityogenes chalcographus; Pityogenes bidentatus; Pityophthorus juglandis
Order / family	Coleoptera: Scolytidae; Coleoptera: Scolytidae; Coleoptera: Curculionidae: Scolytinae
Crops	Norway spruce; Scots pine; walnut
Reported use	Monitoring
Reported blend components	methyl (E,Z)-2,4-decadienoate
Trap type	puddle trap
Key reference	doi:10.1007/bf01016496; doi:10.1007/bf00979665