



TECHNICAL DATA SHEET

Standard grade

Product name	Geranyl octanoate	Product code	EP00205
CAS No.	51532-26-4	Pheromone code	—
Molecular formula	C18H32O2	Molecular weight	280.4

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (2E)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

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	Sex pheromone
Target species	Agriotes lineatus (click beetle); Agriotes obscurus (click beetle); Agriotes proximus (click beetle); Agriotes pubescens (click beetle)
Order / family	Coleoptera: Elateridae
Reported use	Monitoring
Reported blend components	geranyl butanoate; geranyl hexanoate
Reported blend ratio	geranyl butanoate: 9:1 or 10:1 geranyl hexanoate: 1:1
Trap type	ground-based pheromone trap
Key reference	doi:10.1093/jee/toae229; doi:10.1007/s10886-007-9398-7