



TECHNICAL DATA SHEET

Standard grade

Product name	Neryl hexanoate	Product code	EP00208
CAS No.	68310-59-8	Pheromone code	—
Molecular formula	C16H28O2	Molecular weight	252.4

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (2Z)	≥ 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	Betarmon bisbimaculatus (click beetle)
Order / family	Coleoptera: Elateridae
Reported blend components	neryl octanoate; neryl decanoate
Reported blend ratio	neryl octanoate, neryl decanoate: approximately 3:1:6 (neryl hexanoate:neryl octanoate:neryl decanoate)
Trap type	field traps
Key reference	doi:10.1007/s10886-015-0661-z; doi:10.1007/s10886-013-0360-6