



TECHNICAL DATA SHEET

Standard grade

Product name	Tetradecyl isobutyrate	Product code	EP00031
CAS No.	167871-30-9	Pheromone code	14:OEs
Molecular formula	C18H36O2	Molecular weight	284.48

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	Riptortus clavatus (bean bug); Piezodorus hybneri; Ooencyrtus nezarae (egg parasitoid)
Order / family	Heteroptera: Alydidae; Heteroptera: Pentatomidae
Reported blend components	(E)-2-hexenyl (Z)-3-hexenoate; (E)-2-hexenyl (E)-2-hexenoate
Key reference	doi:10.1007/s10886-005-9024-5; doi:10.1007/s10886-006-9093-0