



TECHNICAL DATA SHEET

Standard grade

Product name	4-(heptyloxy)butanal	Product code	EP00091
CAS No.	65885-35-0	Pheromone code	—
Molecular formula	C ₁₁ H ₂₂ O ₂	Molecular weight	186.29

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 98.0 %	GC-FID (PEG)

Storage and handling

Storage conditions	2–8 °C (or –20 °C), protected from light, under nitrogen, container filled to minimise headspace	Retest period	12 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Sex pheromone
Target species	Anoplophora glabripennis (Asian longhorned beetle)
Order / family	Coleoptera: Cerambycidae
Crops	Maple; Salix; Ulmus; Populus
Reported use	Monitoring
Reported blend components	4-(n-heptyloxy)butan-1-ol; (-)-linalool; trans-caryophyllene; (Z)-3-hexen-1-ol
Reported blend ratio	4-(n-heptyloxy)butan-1-ol: 1:1
Trap type	flight intercept panel traps
Key reference	doi:10.1603/022.038.0628; doi:10.1603/en14129