



TECHNICAL DATA SHEET

Standard grade

Product name	Diprionyl acetate	Product code	EP00249
InChIKey	—	Pheromone code	—
Molecular formula	C ₁₉ H ₃₈ O ₂	Molecular weight	298.51

Specification

Property	Specification	Method
Appearance	Clear, colourless 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	Sex pheromone
Target species	Neodiprion sertifer (European pine sawfly); Neodiprion lecontei
Order / family	Hymenoptera: Diprionidae
Reported use	Monitoring
Reported blend components	(2S,3R,7R)-diprionyl acetate (behavioral inhibitor/synergist isomer); diprionyl propionate; trans-perillenal
Reported blend ratio	(2S,3R,7R)-diprionyl acetate (behavioral inhibitor/synergist isomer): low concentration added to (2S,3S,7S)-diprionyl acetate
Dispenser loading	100 micrograms
Key reference	doi:10.1007/bf00215075; doi:10.1007/bf02751097