



TECHNICAL DATA SHEET

Standard grade

Product name	1,7-Dioxaspiro[5.5]undecane	Product code	EP00115
CAS No.	180-84-7	Pheromone code	—
Molecular formula	C ₉ H ₁₆ O ₂	Molecular weight	156.22

Specification

Property	Specification	Method
Appearance	Clear, colourless liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)

Physical properties (literature reference)

Flash point	63 °C		
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Storage and handling

Storage conditions	2–8 °C, protected from light, tightly closed	Retest period	12 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Sex pheromone
Target species	Bactrocera oleae (Dacus oleae) (olive fruit fly)
Crops	Olive
Key reference	doi:10.1007/bf01012372; doi:10.1002/chir.70006