



TECHNICAL DATA SHEET

Standard grade

Product name	Sitophilure	Product code	EP00230
CAS No.	71699-35-9	Pheromone code	—
Molecular formula	C ₈ H ₁₆ O ₂	Molecular weight	144.21

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	<i>Sitophilus oryzae</i> (rice weevil); <i>Sitophilus zeamais</i> (maize weevil); <i>Sitophilus granarius</i> (granary weevil); <i>Rhinostomus barbirostris</i> (bearded weevil)
Order / family	Coleoptera: Curculionidae; Coleoptera: Curculionidae: Dryophthorinae
Crops	Coconut; oil palm
Reported use	Monitoring
Reported blend components	cracked wheat
Dispenser loading	0.5, 1 and 2 mg pheromone loadings
Trap type	flight traps with open vertical baffles and refuge traps (rectangular cardboard boxes)
Key reference	doi:10.1007/bf01024114; doi:10.1016/s0022-474x(99)00052-1