



TECHNICAL DATA SHEET

Standard grade

Product name	2-Methylbutan-1-ol	Product code	EP00186
CAS No.	137-32-6	Pheromone code	—
Molecular formula	C ₅ H ₁₂ O	Molecular weight	88.15

Specification

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

Physical properties (literature reference)

Boiling point	128 °C / pressure not stated	Density	0.816 g/cm ³ (20 °C)
Refractive index	n _D 1.4102 (20 °C)	Flash point	50 °C
Solubility	Solubility in water, g/100ml at 25 °C: 3.0 (moderate)		

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	Phymatodes dimidiatus; Cotyclytus curvatus; Megacyllene acuta; Phymatodes amoenus
Order / family	Coleoptera: Cerambycidae
Reported use	Monitoring
Reported blend components	3-hydroxyhexan-2-one; 2,3-hexanediol
Key reference	doi:10.1093/ee/nvaa092; doi:10.1007/s10886-018-0933-5