



CAS Number: 35158-25-9
FEMA Number: 3406
FLAVIS Number: 05.107
GB Number: S0134

APPLICATION

Olfactive Description: A powerful, natural, and herbaceous character with hints of cocoa, bergamot, and lavender.

Fragrance Use: Powerful and diffusive. Blends well with bergamot, clary sage, and citrus types. Can be used to boost ozonic notes in fragrances. Excels in floral and gourmand compositions, specifically lavender and chocolate.

DETAILS

Molecular Weight: 154.24
Molecular Formula: C₁₀H₁₈O
Chemical Name: 2-Hexenal, 5-Methyl-2-(1-Methylethyl)-
Suggested Use Level: 1.0% - 5.0%
Tenacity on Blotter: >8 Hours

SPECIFICATIONS

Minimum Purity: 96.0% (sums of isomers)
 • **Main Isomer:** 60.0% min.
 • **Secondary Isomer:** 20.0% - 40.0%
Appearance: pale yellow liquid

Additives: Synthetic alpha tocopherol at 0.50%

TECHNICAL

Log P: 3.46
Flash Point: 155°F (CC)
Boiling Point: 193.04°C (EPI 4.0)
Vapor Pressure: 0.348 mmHg at 20°C

Solubility: Insoluble in water, soluble in alcohol

Nature Identical: Yes

STABILITY

pH	Base	Poor	Moderate	Good	Excellent
3	Fabric Softener			x	
3.5	Antiperspirant			x	
6	Shampoo				x
7	Dish Detergent			x	
9	Liquid Detergent			x	
-	Soy wax-Burn Performance				x