



CAS Number: 41654-15-3
FEMA Number: 4165
FLAVIS Number: 09.934
GB Number: S0941

APPLICATION

Olfactive Description: Tropical, ripe, juicy, sweet, green, fruity.

Fragrance Use: Can be used to impart a crisp and clean fruity impression as well as for adding lift to the top notes of a fragrance. Contributes complexity and depth to fruity florals and tropical types, specifically guava and mango.

DETAILS

Molecular Weight: 156.22
Molecular Formula: C₉H₁₆O₂
Chemical Name: Methyl Cis-5-Octenoate
Suggested Use Level: Traces - 2.0%
Tenacity on Blotter: >6 Hours

SPECIFICATIONS

Minimum Purity: 98.0% (sum of isomers)
• **Main Isomer:** 97.0% min. (cis)
• **Secondary Isomer:** 1.0% - 2.9% (trans)
Appearance: Colorless liquid

Additives: None

TECHNICAL

Log P: 3.105
Flash Point: 162°F (CC)
Boiling Point: 197.05 (EPI 4.0)
Vapor Pressure: 0.28 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		