



CAS Number: 2277-19-2
FEMA Number: 3580
FLAVIS Number: 05.059
GB Number: S0148

APPLICATION

Olfactive Description: Powerful fresh green melon with subtle fruity undertones.

Fragrance Use: Imparts a natural juicy effect to melon and fruity types, especially red and tropical fruits. Can add soft, clean, aldehydic notes to boost dewy floral types. Works well in all applications, up to and including fine fragrance.

DETAILS

Molecular Weight: 140.22
Molecular Formula: C₉H₁₆O
Chemical Name: Cis-6-Nonen-1-al
Suggested Use Level: Traces - 0.5%
Tenacity on Blotter: >24 Hours

SPECIFICATIONS

Minimum Purity: 95.0% (sum of isomers)
• **Main Isomer:** 92.0% min. (cis)
• **Secondary Isomer:** 0.1% - 6.0% (trans)
Appearance: Colorless to pale yellow liquid
Additives: Synthetic alpha tocopherol at 0.50%

TECHNICAL

Log P: 3.06
Flash Point: 159°F (CC)
Boiling Point: 202.61°C (EPI 4.0)
Vapor Pressure: 386.6 Pa @ 21.1°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