



CAS Number: 39770-05-3
FEMA Number: 3912
FLAVIS Number: 05.139
GB Number: S1298

APPLICATION

Olfactive Description: A distinctive, aldehydic orange pulp character with sweet nuances that give a natural effect.

Fragrance Use: Imparts tremendous lift, producing a fresh, citrus-like effect. A great top note for any fragrance.

DETAILS

Molecular Weight: 154.25
Molecular Formula: C₁₀H₁₈O
Chemical Name: 9-Decenal
Suggested Use Level: Traces - 2.0%
Tenacity on Blotter: >2 weeks

SPECIFICATIONS

Minimum Purity: 98.0%
 • **Main Isomer:** N/A
 • **Secondary Isomer:** N/A
Appearance: Colorless to pale yellow liquid
Additives: synthetic alpha to-copherol at 0.50%

TECHNICAL

Log P: 3.63
Flash Point: 208°F (CC)
Boiling Point: 418.39°F(214.66°C)US EPA
Vapor Pressure: 0.02 kPa (77 °F) (25 °C)
Solubility: Insoluble in water
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	