



CAS Number: 41547-22-2
FEMA Number: 3749
FLAVIS Number: 05.128
GB Number: S0186

APPLICATION

Taste Description: Melon characteristic, particularly cantaloupe and watermelon, with slight citrus note.

Flavor Use: Excellent for enhancing melon notes, especially watermelon and cantaloupe, in addition to other summer fruit applications.

DETAILS

Molecular Weight: 126.20
Molecular Formula: C₈H₁₄O
Chemical Name: Cis-5-Octenal
Suggested Use Level: 10 PPB - 1 PPM

SPECIFICATIONS

Minimum Purity: 98.0% (sum of isomers)
• **Main Isomer:** 95.0% min.
• **Secondary Isomer:** 0.1% - 5.0%
Appearance: colorless to pale yellow liquid
Additives: Synthetic alpha to-copherol @ 0.50%

TECHNICAL

Log P: 2.566
Flash Point: 132°F (CC)
Boiling Point: 182.37°C (EPI 4.0)
Vapor Pressure: 0.6 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes
Kosher: Yes
Halal: Yes

NOTES
