



BRI Number: 3561-SUS
CAS Number: 20407-84-5
FEMA Number: 2402
FLAVIS Number: 05.144; 05.037
GB Number: S0159

Molecular Weight: 182.30
Molecular Formula: C₁₂H₂₂O

FRAGRANCE APPLICATION

Olfactive Description: A waxy, mandarin orange odor.
Fragrance Use: Useful as a topnote to achieve a mandarine-orange, waxy effect.

DETAILS

Suggested Use Level: Traces - 2%
Tenacity on Blotter: >48 Hours

STABILITY

pH	Base	Test Results
3	Fabric Softener	Poor
3.5	Antiperspirant	Moderate
6	Shampoo	Poor
7	Dish Detergent	Poor
9	Liquid Detergent	Poor
7	Soy Wax-Burn Performance	Good

SPECIFICATIONS

Minimum Purity: 95.0% (sum of isomers)
 • **Main Isomer:** 93.0% min. (trans.)
 • **Secondary Isomer:** 0.1% - 3.5% (cis)

Appearance: Slight yellow liquid

Additives: None

TECHNICAL

Log P: 4.53
Flash Point: 247 °F (CC)
Boiling Point: 257.92 °C (EPI 4.0)
Vapor Pressure: 0.01 mmHg at 20 °C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes

FLAVOR APPLICATION

Taste Description: Fatty, waxy, citrus peel notes with cilantro and similar herbal notes.
Flavor Use: Citrus flavors, specifically orange and tangerine. Excellent for cilantro and similar herbal-type flavors. Can also be used to impart fatty notes of melon and cucumber.

DETAILS

Suggested Use Level: 5 - 50 PPM

SPECIFICATIONS

Minimum Purity: 95.0% (sum of isomers)
 • **Main Isomer:** 93.0% min. (trans.)
 • **Secondary Isomer:** 0.1% - 3.5% (cis)

Appearance: Slight yellow liquid

Additives: None

TECHNICAL

Log P: 4.53
Flash Point: 247 °F (CC)
Boiling Point: 257.92 °C (EPI 4.0)
Vapor Pressure: 0.01 mmHg at 20 °C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes
Kosher: Yes
Halal: Yes