

cis-3-HEXENYL CAPROATE (HEXANOATE) (BRI #108-SUS)



PRODUCT INFORMATION

BRI Number: 108-SUS
CAS Number: 31501-11-8
FEMA Number: 3403
FLAVIS Number: 9.271
GB Number: S0467

Molecular Weight: 198.31
Molecular Formula: C₁₂H₂₂O₂

SPECIFICATIONS

Minimum Purity: 98.0% (sum of isomers)
Main Isomer: 98.0% min.(cis)
Secondary Isomer: 0.1% - 2.0%(trans)

Appearance: Colorless to pale yellow liquid

Additives: Synthetic alpha tocopherol @ 0.10%

TECHNICAL

Log P: 4.58
Flash Point: 220°F (CC)
Boiling Point: 253.11°C (EPI 4.0)
Vapor Pressure: 0.0145 mmHg (20°C EPI 4.0)

Solubility: Insoluble in water;
soluble in alcohol.

Nature Identical: YES
Kosher: YES
Halal: YES

FLAVOR APPLICATION

Taste Description: Sweet, green, herbal, creamy, with notes of Bartlett pear.

Flavor Use: To enhance pulpiness particularly in pear, ripe strawberry, and tropical flavors.

Suggested Use Level: 1 - 10 PPM

FRAGRANCE APPLICATION

Olfactive Description: Fruity, green pear-like odor with vegetable notes.

Fragrance Use: Enhances pear and red apple notes in fruity complexes.

Suggested Use Level: Traces - 1%

Tenacity on Blotter: > 8 hours

STABILITY

pH	Base	Poor	Moderate	Good	Excellent
3	Fabric Softener			✓	
3.5	Antiperspirant			✓	
6	Shampoo			✓	
7-8	Dish Detergent				✓
9	Liquid Detergent			✓	
7	Soy Wax-Burn Performance	✓			