

cis-3-HEXENYL ISOBUTYRATE (BRI #107-SUS)



PRODUCT INFORMATION

BRI Number: 107-SUS
CAS Number: 41519-23-7
FEMA Number: 3929
FLAVIS Number: 9.563
GB Number: S0596

Molecular Weight: 170.25
Molecular Formula: C₁₀H₁₈O₂

SPECIFICATIONS

Minimum Purity: 99.0% (sum of isomers)
Main Isomer: 98.0% min.(cis)
Secondary Isomer: 0.1% - 2.0%(trans)

Appearance: Colorless liquid

Additives: Synthetic alpha tocopherol @ 0.10%

TECHNICAL

Log P: 3.52
Flash Point: 160°F (CC)
Boiling Point: 205.94 C (EPI 4.0)
Vapor Pressure: 0.19 mmHg at 20°C

Solubility: Insoluble in water;
soluble in alcohol.

Nature Identical: YES
Kosher: YES
Halal: YES

FLAVOR APPLICATION

Taste Description: Fresh, green, fruity notes.

Flavor Use: Can be used for apple, pear, pineapple, strawberry, and other berries.

Suggested Use Level: 1 - 10 PPM

FRAGRANCE APPLICATION

Olfactive Description: Green, fruity, cut grass, apple-like odor.

Fragrance Use: Imparts naturalness to citrus, floral, and herbal types. Imparts modern plum notes. Can be used at high levels.

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	Dish Detergent			✓	
9	Liquid Detergent			✓	
7	Soy Wax-Burn Performance				✓