

cis-3-HEXENYL BUTYRATE (BRI #106-SUS)

PRODUCT INFORMATION

BRI Number: 106-SUS
CAS Number: 16491-36-4
FEMA Number: 3402
FLAVIS Number: 09.270
GB Number: S0431

Molecular Weight: 170.25
Molecular Formula: C₁₀H₁₈O₂

SPECIFICATIONS

Minimum Purity: 98.0% (sum of isomers)
Main Isomer: 97.0% min.(cis)
Secondary Isomer: 0.1% - 3.0%(trans)

Appearance: Colorless liquid

Additives: Synthetic alpha tocopherol @ 0.10%

TECHNICAL

Log P: 3.600
Flash Point: 170°F (CC)
Boiling Point: 216.64 C (EPI 4.0)
Vapor Pressure: 0.1 mmHg at 20°C

Solubility: Insoluble in water;
soluble in alcohol.

Nature Identical: YES
Kosher: YES
Halal: YES

FLAVOR APPLICATION

Taste Description: Sweet green with dairy notes.

Flavor Use: Adds a buttery ripeness to pear, pineapple, berries, apple, papaya, and other tropical fruits.

Suggested Use Level: 1 - 10 PPM

FRAGRANCE APPLICATION

Olfactive Description: Green, sweet, buttery, fruity, with strawberry and apple notes.

Fragrance Use: Powerful, green, cognac notes help many floral types, especially jasmine and ylang-ylang.

Suggested Use Level: Traces - 3%

Tenacity on Blotter: > 4 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			✓	