

# cis-3-HEXENYL FORMATE (BRI #110-SUS)

## PRODUCT INFORMATION

**BRI Number:** 110-SUS  
**CAS Number:** 33467-73-1  
**FEMA Number:** 3353  
**FLAVIS Number:** 9.24  
**GB Number:** S0515

## 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%

**Molecular Weight:** 128.17  
**Molecular Formula:** C<sub>7</sub>H<sub>12</sub>O<sub>2</sub>

## TECHNICAL

**Log P:** 2.07  
**Flash Point:** 114°F (CC)  
**Boiling Point:** 157.17°C (EPI 4.0)  
**Vapor Pressure:** 2.05 mmHg at 20°C (EPI 4.0)

**Solubility:** Insoluble in water;  
soluble in alcohol.

**Nature Identical:** YES  
**Kosher:** YES  
**Halal:** YES

## FLAVOR APPLICATION

**Taste Description:** Green, fresh vegetable, slightly fruity.

**Flavor Use:** Especially good for green beans, broccoli, and asparagus. Also adds green notes to fruits, especially apple, melon, guava, and other tropical flavors.

**Suggested Use Level:** 0.5 - 5 PPM

## FRAGRANCE APPLICATION

**Olfactive Description:** Strong ethereal, sweet, green apple odor with woody undertones.

**Fragrance Use:** Imparts a green, fruity (unripe apple), and ozonic marine note to formulations. Blends well with galbanum, hyacinth, and other herbal types.

**Suggested Use Level:** Traces - 1%

**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				✓