



CAS Number: 1617-23-8
FEMA Number: 3456
FLAVIS Number: 09.524
GB Number: S1212

APPLICATION

Olfactive Description: Fruity and sweet notes reminiscent of apple, cherry, and strawberry.

Fragrance Use: Its multiple facets allow for a very interesting effect, boosting the fruity top notes of a fine fragrance. Also performs well in air care, shampoo, and dish detergent.

DETAILS

Molecular Weight: 142.19
Molecular Formula: C₈H₁₄O₂
Chemical Name: Ethyl 2-Methyl-3-Pentenoate (High C)
Suggested Use Level: Traces - 1.0%
Tenacity on Blotter: > 1 Hour

SPECIFICATIONS

Minimum Purity: 99.0% (sum of isomers)
 • **Main Isomer:** 98.5% min. (cis)
 • **Secondary Isomer:** 0.1% - 1.5% (trans)
Appearance: Colorless liquid

Additives: Synthetic alpha tocopherol at 0.10%

TECHNICAL

Log P: 2.54
Flash Point: 110°F (CC)
Boiling Point: 163.76°C (EPI 4.0)
Vapor Pressure: 1.49 mmHg at 20°C

Solubility: Insoluble in water; soluble in alcohol

Nature Identical: No

STABILITY

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