



**CAS Number:** 3025-30-7  
**FEMA Number:** 3148  
**FLAVIS Number:** 09.260 (BRI 433EU)  
**GB Number:** S0482

## APPLICATION

**Olfactive Description:** Enticing, green, characteristic odor of a Bartlett pear combined with tropical fruit nuances.

**Fragrance Use:** Used in a variety of fruit compositions as well as for imparting juicy, ripe Bartlett pear notes of distinction to fruity florals.

## DETAILS

**Molecular Weight:** 196.28  
**Molecular Formula:** C<sub>12</sub>H<sub>20</sub>O<sub>2</sub>  
**Chemical Name:** Ethyl E,Z-2,4-Decadienoate  
**Suggested Use Level:** Traces - 2.5%  
**Tenacity on Blotter:** > 48 Hours

## SPECIFICATIONS

**Minimum Purity:** 98.0% (sum of isomers)  

- Main Isomer:** 92.0% min. (e,z)
- Secondary Isomer:** 0.1%-8.0% (isomer)

**Appearance:** Colorless to slightly yellow liquid  
**Additives:** Synthetic alpha to-copherol at 0.10%

## TECHNICAL

**Log P:** 4.40  
**Flash Point:** 243°F (CC)  
**Boiling Point:** 248.8°C (EPI 4.0)  
**Vapor Pressure:** 160.0 Pa OECD 104 @ 21.1°C  
**Solubility:** Insoluble in water; soluble in alcohol at 1.0%  
**Nature Identical:** Yes

## 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