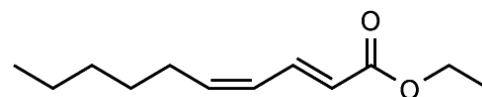




## ETHYL 2,4-DECADIENOATE

BRI 433

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



**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

### APPLICATION

**Olfactive Description:** An enticing green, characteristic odor of a Bartlett pear combined with crisp and clean tropical fruit nuances reminiscent of passion fruit and kiwi.

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

**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 tocopherol at 0.10%

### TECHNICAL

**Log P:** 4.36

**Flash Point:** 243°F (CC)

**Boiling Point:** 258.41°C (EPI 4.0)

**Vapor Pressure:** 0.01 mmHg at 20°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