



**CAS Number:** 189440-77-5  
**FEMA Number:** N/A  
**FLAVIS Number:** N/A  
**GB Number:** NOT LISTED

## APPLICATION

**Olfactive Description:** Smooth natural green sweet Anjou pear with sugary notes.

**Fragrance Use:** Useful to add green pear note to fruity and tropical accords including apple, mango and pear.

## DETAILS

**Molecular Weight:** 154.21  
**Molecular Formula:** C<sub>9</sub>H<sub>14</sub>O<sub>2</sub>  
**Chemical Name:** 4,7-Octadienoic acid, methyl ester, (4E)-  
**Suggested Use Level:** Trace to 2%  
**Tenacity on Blotter:** 4 Hours

## SPECIFICATIONS

**Minimum Purity:** 99.0% (sum of isomers)  
 • **Main Isomer:** 97.5% min.(4e,7-octadi)  
 • **Secondary Isomer:** 1.5% - 2.5%(4z,7-octadi)  
**Appearance:** colorless to pale yellow liquid  
**Additives:** Synthetic alpha tocopherol at 0.10%

## TECHNICAL

**Log P:** 2.968  
**Flash Point:** 158 °F (CC)  
**Boiling Point:** 189 °C (ECHA)  
**Vapor Pressure:** 0.225 mm Hg @ 20 °C  
**Solubility:** H<sub>2</sub>O=440 mg/L @ 20 °C; 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
7	Soy Wax-Burn Performance			X	