



**CAS Number:** 89440-77-5  
**FEMA Number:** 3603  
**FLAVIS Number:** 07.082  
**GB Number:** S0873

## APPLICATION

**Olfactive Description:** A powerful, green, fruity aroma with pineapple and berry notes.

**Fragrance Use:** Used to boost green, fruity topnote in fruity, floral fragrances especially berry/strawberry types.

## DETAILS

**Molecular Weight:** 126.20  
**Molecular Formula:** C<sub>8</sub>H<sub>14</sub>O  
**Chemical Name:** 2-Octen-4-one  
**Suggested Use Level:** 0.1% to 0.5%  
**Tenacity on Blotter:** < 24 Hours

## SPECIFICATIONS

**Minimum Purity:** 98.0%  
• **Main Isomer:** Not applicable  
• **Secondary Isomer:** Not applicable  
**Appearance:** colorless to pale yellow liquid  
**Additives:** None

## TECHNICAL

**Log P:** 2.294  
**Flash Point:** 143°F (CC)  
**Boiling Point:** 170.18° C (EPI 4.0)  
**Vapor Pressure:** 0.225 mm Hg @ 20° C  
**Solubility:** Insoluble in water  
**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