



**CAS Number:** 4643-27-0  
**FEMA Number:** 3603  
**FLAVIS Number:** 07.082  
**GB Number:** S0873



## APPLICATION

**Taste Description:** Sweet, fruity, slightly musty, characteristic of fresh strawberry.

**Flavor Use:** Used to add sweet notes to a variety of fruit flavors, especially strawberry. Also can add musty notes for mushroom.

## 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:** 2 - 20.0 PPM  
**R&D/FFDCA Comment:** Federal Food Drug & Cosmetic Act (FFDCA) Uses Only

## 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:** 145°F (CC)  
**Boiling Point:** 170.18°C (EPI 4.0)  
**Vapor Pressure:** 1.48 mmHg at 20°C  
**Solubility:** Insoluble in water  
  
**Nature Identical:** Yes  
**Kosher:** Yes  
**Halal:** Yes

## NOTES

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