

# 2-OCTEN-4-ONE

## BRI #614

### Description:

A powerful, green, fruity aroma with pineapple and berry notes.

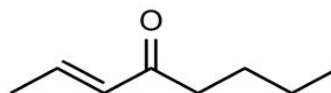
### Use:

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

*This product has an IFRA guideline associated with it. Please visit [www.ifrafragrance.org](http://www.ifrafragrance.org) for the full text of the guideline or contact Bedoukian Research, Inc. for more information.*

## Fragrance Ingredient

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



### DETAILS

**Chemical Name:** 2-Octen-4-one  
**Suggested Use Level:** 0.1% - 0.5%  
**Tenacity on Blotter:** >24 Hours

**Molecular Weight:** 126.20  
**Molecular Formula:** C<sub>8</sub>H<sub>14</sub>O

### 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:** 0.225 mmHg @ 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
7	Soy Wax-Burn Performance				x