



CAS Number: 4643-27-0
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: C₈H₁₄O
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: 145 °F (CC)
Boiling Point: 170.18° C (EPI 4.0)
Vapor Pressure: 0.225 mmHg at 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