



**CAS Number:** 2277-19-2  
**FEMA Number:** 3580  
**FLAVIS Number:** 05.059  
**GB Number:** S0148

## APPLICATION

**Taste Description:** Fresh, green, melon characteristics, specifically watermelon.

**Flavor Use:** Useful in melon flavors, especially cantaloupe and watermelon, cucumber and tropical fruits. Can also add fresh-cut, crisp apple notes to various applications.

## DETAILS

**Molecular Weight:** 140.22  
**Molecular Formula:** C<sub>9</sub>H<sub>16</sub>O  
**Chemical Name:** Cis-6-Nonen-1 al  
**Suggested Use Level:** 0.05 - 0.2 PPM

## SPECIFICATIONS

**Minimum Purity:** 95.0% (sum of isomers)  
• **Main Isomer:** 92.0% min. (cis)  
• **Secondary Isomer:** 0.1% - 6.0% (trans)  
**Appearance:** Colorless to pale yellow liquid  
**Additives:** Synthetic alpha tocopherol @ 0.50%

## TECHNICAL

**Log P:** 3.06  
**Flash Point:** 159°F (CC)  
**Boiling Point:** 202.61°C (EPI 4.0)  
**Vapor Pressure:** 0.21 mmHg at 20°C  
**Solubility:** Insoluble in water; soluble in alcohol  
**Nature Identical:** Yes  
**Kosher:** Yes  
**Halal:** Yes

## NOTES

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