

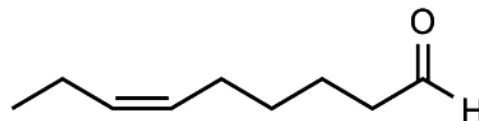


## CIS-6-NONENAL

BRI 380

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

**Molecular Weight:** 140.22  
**Molecular Formula:** C<sub>9</sub>H<sub>16</sub>O  
**Chemical Name:** Cis-6-Nonen-1-al



### APPLICATION

**Olfactive Description:** A powerful fresh cucumber, fruity, melon odor.

**Fragrance Use:** Imparts a natural juicy effect to melon and fruity types, especially red and tropical fruits. Can add soft, clean aldehydic notes to boost dewy floral types. Works well in all applications, up to and including fine fragrance.

**Suggested Use Level:** Traces - 0.5%

**Tenacity on Blotter:** >24 Hours

### 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 at 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

### 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