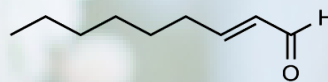


## trans-2-NONEN-1-AL FCC NO ANTIOXIDANT

**BRI Number:** 3531-SUS  
**CAS Number:** 18829-56-6  
**FEMA Number:** 3213  
**FLAVIS Number:** 05.072; 05.171  
**GB Number:** S0147



**Molecular Weight:** 140.23  
**Molecular Formula:** C<sub>9</sub>H<sub>16</sub>O

### FRAGRANCE APPLICATION

**Olfactive Description:** Green, aldehydic, bright odor with persistent fatty, carrot leaf, and melon notes.

**Fragrance Use:** Addition of traces to ionones and methyl ionones lends power and diffusion.

### DETAILS

**Suggested Use Level:** Traces - 1.00%

**Tenacity on Blotter:** >8 Hours

### STABILITY

pH	Base	Test Results
3	Fabric Softener	Poor
3.5	Antiperspirant	Moderate
6	Shampoo	Poor
7	Dish Detergent	Poor
9	Liquid Detergent	Poor
7	Soy Wax-Burn Performance	Good

### SPECIFICATIONS

**Minimum Purity:** 97.0% (sum of isomers)

- **Main Isomer:** 96.0% min. (trans)
- **Secondary Isomer:** 0.1% - 3.5% (cis)

**Appearance:** White to slightly yellow liquid

**Additives:** None

### TECHNICAL

**Log P:** 3.060

**Flash Point:** 185°F (CC)

**Boiling Point:** 202.6°C (EPI 4.0)

**Vapor Pressure:** 0.021 mmHg at 20°C

**Solubility:** Insoluble in water; soluble in alcohol

**Nature Identical:** Yes

### FLAVOR APPLICATION

**Taste Description:** Sweet, fatty, citrus, melon.

**Flavor Use:** Citrus especially orange, melon especially cantaloupe.

### DETAILS

**Suggested Use Level:** 0.10 - 10.00 PPM

### SPECIFICATIONS

**Minimum Purity:** 97.0% (sum of isomers)

- **Main Isomer:** 96.0% min. (trans)
- **Secondary Isomer:** 0.1% - 3.5% (cis)

**Appearance:** White to slightly yellow liquid

**Additives:** None

### TECHNICAL

**Log P:** 3.060

**Flash Point:** 185°F (CC)

**Boiling Point:** 202.6°C (EPI 4.0)

**Vapor Pressure:** 0.021 mmHg at 20°C

**Solubility:** Insoluble in water; soluble in alcohol

**Nature Identical:** Yes

**Kosher:** Yes

**Halal:** Yes