



**CAS Number:** 20407-84-5  
**FEMA Number:** 2402  
**FLAVIS Number:** 05.037; 05.144  
**GB Number:** S0159

## APPLICATION

**Taste Description:** Fatty, waxy, citrus peel notes with cilantro and similar herbal-type notes.

**Flavor Use:** Citrus flavors, specifically orange and tangerine. Excellent for cilantro and similar herbal-type flavors. Can also be used to impart fatty notes of melon and cucumber.

## DETAILS

**Molecular Weight:** 182.30  
**Molecular Formula:** C<sub>12</sub>H<sub>22</sub>O  
**Chemical Name:** 2-Dodecenal (High Trans)  
**Suggested Use Level:** 0.05 - 0.2 PPM

## SPECIFICATIONS

**Minimum Purity:** 95.0% (sum of isomers)  
• **Main Isomer:** 93.0% min. (trans)  
• **Secondary Isomer:** 0.1% - 3.5% (cis)  
**Appearance:** Slightly yellow liquid  
**Additives:** Synthetic alpha tocopherol @ 0.50%

## TECHNICAL

**Log P:** 4.53  
**Flash Point:** 230 °F (CC)  
**Boiling Point:** 257.92 °C (EPI 4.0)  
**Vapor Pressure:** 0.01 mmHg at 20 °C  
**Solubility:** Insoluble in water; soluble in alcohol  
**Nature Identical:** Yes  
**Kosher:** Yes  
**Halal:** Yes

## NOTES

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