



**CAS Number:** 3913-81-3  
**FEMA Number:** 2366  
**FLAVIS Number:** 05.191; 05.076  
**GB Number:** S0153

## APPLICATION

**Olfactive Description:** A powerful aldehydic with citrus orange waxy fatty peely notes.

**Fragrance Use:** Sweet aldehydic, green odor that blends well with citrus and floral compositions.

## DETAILS

**Molecular Weight:** 154.25  
**Molecular Formula:** C<sub>10</sub>H<sub>18</sub>O  
**Chemical Name:** trans-2-DECEN-1-AL FCC  
**Suggested Use Level:** Traces - 3%  
**Tenacity on Blotter:** > 8 Hours

## SPECIFICATIONS

**Minimum Purity:** 96.0% (sum of isomers)  
• **Main Isomer:** 95.0% min.(trans)  
• **Secondary Isomer:** 0.1% - 2.0%(cis)  
**Appearance:** Slightly yellow liquid  
**Additives:** Synthetic alpha to-copherol @ 0.50%

## TECHNICAL

**Log P:** 3.55  
**Flash Point:** 203 deg F (CC)  
**Boiling Point:** 230.00 C (EPI 4.0)  
**Vapor Pressure:** 0.0508 mmHg (20C, EPI 4.0)  
**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	
7-8	Dish Detergent	x			
9	Liquid Detergent		x		
-	Soy Wax - Burn Performance		x		