

VALENCIAL[®] FCC

BRI #356-SUS

Description:

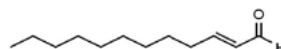
Aldehydic, peely, orange, waxy.

Use:

Effects can be seen as little as parts per thousand. Has many uses including a topnote to achieve a fresh, clean effect or for the heavy notes in a citrus complex.

Fragrance Ingredient

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



DETAILS

Chemical Name: trans-2-Dodecenal
Suggested Use Level: Traces - 2.00%
Tenacity on Blotter: > 48 hr

Molecular Weight: 182.30
Molecular Formula: C₁₂H₂₂O

SPECIFICATIONS

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

TECHNICAL

Log P: 4.530
Flash Point: 247°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

STABILITY

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