

trans-2-DECEN-1-AL FCC

BRI #354

Description:

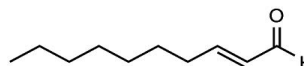
A powerful aldehydic with citrus orange waxy fatty peely notes.

Use:

Sweet aldehydic, green odor that blends well with citrus and floral compositions.

Fragrance Ingredient

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



DETAILS

Chemical Name: 2- Decenal , (2E)-
Suggested Use Level: Traces - 3.00%
Tenacity on Blotter: >8 Hours

Molecular Weight: 154.25
Molecular Formula: C₁₀H₁₈O

SPECIFICATIONS

Minimum Purity: 96.0% (sums of isomer)
• **Main Isomer:** 95.0% min. (trans)
• **Secondary Isomer:** 0.1% - 2.0% (cis)
Appearance: Slightly yellow liquid
Additives: Synthetic alpha tocopherol at 0.50%

TECHNICAL

Log P: 3.550
Flash Point: 203°F (CC)
Boiling Point: 230.00°C (EPI 4.0)
Vapor Pressure: 0.0508 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		
7	Soy Wax-Burn Performance		x		