

trans-2-NONEN-1-AL FCC

BRI #353-SUS

Description:

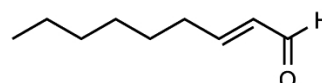
Green, aldehydic, bright odor with persistent fatty, carrot leaf, and melon notes.

Use:

Addition of traces to ionones and methyl ionones lends power and diffusion. Blends well with florals.

Fragrance Ingredient

CAS Number: 18829-56-6
FEMA Number: 3213
FLAVIS Number: 05.072; 05.171
GB Number: S0147



DETAILS

Chemical Name: 2-Nonenal, (2E)-
Suggested Use Level: Traces - 1.00%
Tenacity on Blotter: NA

Molecular Weight: 140.23
Molecular Formula: C₉H₁₆O

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: Synthetic alpha tocopherol at 0.50%

TECHNICAL

Log P: 3.060
Flash Point: 185°F (CC)
Boiling Point: 202.61°C (EPI 4.0)
Vapor Pressure: 0.21 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