

2-TRIDECENAL (HIGH TRANS) FCC

BRI #357

Odor Description:

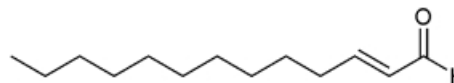
A powerful odor reminiscent of cilantro or coriander.

Use:

Adds freshness to the topnote. Blends well with bitter orange and lime oil.

Fragrance Ingredient

CAS Number: 7774-82-5
FEMA Number: 3082
FLAVIS Number: 05.078; 05.195
GB Number: S0189



DETAILS

Chemical Name: 2-TRIDECENAL (HIGH TRANS) 7774-82-5
Suggested Use Level: Traces - 3%
Tenacity on Blotter: >1 Week

Molecular Weight: 196.34
Molecular Formula: C₁₃H₂₄O

SPECIFICATIONS

Minimum Purity: 95.0% (sum of isomers)
 • **Main Isomer:** 92.0% min. (trans)
 • **Secondary Isomer:** 0.1% - 3.0% (cis)
Appearance: white to slightly yellow liquid
Additives: Synthetic alpha tocopherol at 0.50%

TECHNICAL

Log P: 5.020
Flash Point: 267°F (CC)
Boiling Point: 274.55°C (EPI 4.0)
Vapor Pressure: 0.004 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: No

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			✓	