



# trans-2-DECEN-1-AL FCC

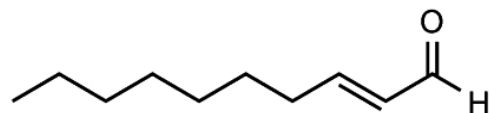
BRI 354

CAS Number:

FEMA Number:

FLAVIS Number:

GB Number: 0



Molecular Weight:

Molecular Formula:  $C_{10}H_{18}O$

Chemical Name: trans-2-Decenal

## APPLICATION

**Olfactive Description:** Fresh green Bartlett pear with a hint of tomato leaf. Dries down to a complex fruity musk with strawberry undertones.

**Fragrance Use:** Imparts ripe fruity notes of pear and melon to green and fruity types. Can be used for 'natural' topnotes in fragrance compositions.

**Suggested Use Level:** Traces - 1.0%

**Tenacity on Blotter:** >48 Hours

## SPECIFICATIONS

**Minimum Purity:** 98.0% (sum of isomers)

- **Main Isomer:** 96.0% min. (cis, cis)
- **Secondary Isomer:** 0.1% - 4.0% (isomer)

**Appearance:** Colorless liquid

**Additives:** Synthetic alpha tocopherol at 0.10%

## TECHNICAL

**Log P:** 4.01

**Flash Point:** 223°F (CC)

**Boiling Point:** 258.41°C (EPI 4.0)

**Vapor Pressure:** 0.0108 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	
-	Soy Wax -- Burn Performance		x		