

e,z-2,6-NONADIENAL FCC (BRI #332-SUS)

PRODUCT INFORMATION

BRI Number: 332-SUS
CAS Number: 557-48-2
FEMA Number: 3377
FLAVIS Number: 5.058
GB Number: S0150

Molecular Weight: 138.21
Molecular Formula: C₉H₁₄O

SPECIFICATIONS

Minimum Purity: 96.0% (sum of isomers)
Main Isomer: 92.0% min.(e,z)
Secondary Isomer: 0.1% - 7.0%(trans)

Appearance: Slightly yellow liquid

Additives: Synthetic alpha tocopherol @ 0.50%

TECHNICAL

Log P: 2.84
Flash Point: 170°F (CC)
Boiling Point: 208.67°C (EPI 4.0)
Vapor Pressure: 0.156 mmHg at 20°C (EPI 4.0)

Solubility: Insoluble in water;
soluble in alcohol.

Nature Identical: YES
Kosher: YES
Halal: YES

FLAVOR APPLICATION

Taste Description: Green, cucumber, melon, fatty. Very natural at high dilution.

Flavor Use: Applications include melon and other fruit flavors, especially strawberry. Also has uses in cucumber, savory, and seafood flavors, such as oysters.

Suggested Use Level: 0.05 - 0.2 PPM

FRAGRANCE APPLICATION

Olfactive Description: A powerful violet-leaf and cucumber odor in dilution with a hint of melon.

Fragrance Use: Powerful and diffusive. Useful for adding green, leafy, watery, and floral notes to all odor types.

Suggested Use Level: Traces - 0.05%

Tenacity on Blotter: > 1 week

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				✓