



CAS Number: 70851-61-5
FEMA Number: 3937
FLAVIS Number: 10.061
GB Number: Not approved

APPLICATION

Olfactive Description: A soft, jasmine, white floral aroma with creamy lactonic notes.

Fragrance Use: Sophisticated jasmine absolute notes for a beautiful, long-lasting effect. Used primarily to impart natural, soft petal-like properties to floral types, especially white florals.

DETAILS

Molecular Weight: 182.26
Molecular Formula: C₁₁H₁₈O₂
Chemical Name: (Z)-5-Hex-3-Enyldihydro-5-Methylfuran-2(3H)-One
Suggested Use Level: Traces - 1.0%
Tenacity on Blotter: >48 Hours

SPECIFICATIONS

Minimum Purity: 97.0% (sum of isomers)
• **Main Isomer:** 95.0% min. (cis)
• **Secondary Isomer:** 0.1% - 5.0% (trans)
Appearance: Colorless to pale yellow liquid
Additives: synthetic alpha tocopherol at 0.10%

TECHNICAL

Log P: 2.81
Flash Point: 276°F (CC)
Boiling Point: 293.75°C (EPI 4.0)
Vapor Pressure: 0.00137 mmHg at 20°C
Solubility: H₂O=215.6 mg/L at 25°C; soluble in alcohol
Nature Identical: No

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		