

TECHNICAL DATA SHEET

11/25/2009

cis-JASMONE				
3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one				
Formula: C ₁₁ H ₁₆ O	FW: 164.20	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Pale yellow	Part Code: 12559			
Density (g/ml) _{d₄²⁰} = 0.935-0.945	RI: n _D ²⁵ = 1.497 - 1.501	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: 108°C Method: Closed Cup	Boiling Point: 108°C at 3 mm Hg	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.01 mm Hg, 20°C log K(ow): 3.55	Acid Number: ≤ 2.0	<input type="checkbox"/> FS Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 92.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID ~7% of the trans isomer (RRT = 0.97) AT-AquaWax: 150°C (5 min HOLD) to 225°C at 10°C/min				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE Warm & spicy, diffusive floral tenacity. / Brings deep and warm effects in floral. Used in flavors.
FEMA/GRAS N°: 3196 Co. Europe N°: 4148 C.A.S. N°: 488-10-8 EINECS N°: 207-668-4 TARIFF N°: 2914.29.5000		NATURAL OCCURRENCE Jasmine, tea, mint, beer		
TRANSPORT:				
Hazard: none	REGULATION	HAZ. CLASS	PG	UN N°
Point 1 2 3 4	1 R.T.M.D.			
Not Regulated	2 ADR/RID			
Category / other info:	3 I.A.T.A.			
	4 I.M.D.G.			
SAFETY DATA: Available	TSCA: listed	PACKING CONTAINERS:		
STORAGE: Under Nitrogen	Temperature: ≤ -18°C <input type="checkbox"/>	<input checked="" type="checkbox"/> Epoxy-coated Steel Drums <input checked="" type="checkbox"/> Stainless Steel Drums <input checked="" type="checkbox"/> Aluminum Bottles <input checked="" type="checkbox"/> Glass Bottles <input type="checkbox"/> Plastic / Plastic-lined drums		
Shelf Life: ~ 2 years	RT <input checked="" type="checkbox"/>			

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