



**VANILLIN PROPYLENE GLYCOL
ACETAL
BRI # 830**

CAS Number: 68527-74-2
FEMA Number: 3905
FLAVIS Number: 06.104
GB Number: S0195



APPLICATION

Olfactive Description: A rich, vanilla, sweet aroma with powdery, cocoa notes.

Fragrance Use: Used to supplement vanillin; this material is stable in an alkali environment with little discoloration. It can extend vanillin while reducing discoloration, or extending the time until the product discolors.

DETAILS

Molecular Weight: 210.22
Molecular Formula: C₁₁H₁₄O₄
Chemical Name: 2-Octen-4-one
Suggested Use Level: 1% - 5%
Tenacity on Blotter: > 2 Weeks

SPECIFICATIONS

Minimum Purity: 97.0% (sum of isomers)
• **Main Isomer:** 50.0% min.
• **Secondary Isomer:** 0.1% - 50.0%
Appearance: slightly yellow viscous liquid
Additives: None

TECHNICAL

Log P: 1.09
Flash Point: 320°F (CC)
Boiling Point: 319.73° C (EPI 4.0)
Vapor Pressure: 0.0000199 mm Hg @ 20° C
Solubility: Insoluble in water; 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