



**ETHYL VANILLIN PROPYLENE
GLYCOL ACETAL
BRI #831**

CAS Number: 68527-76-4
FEMA Number: 3838
FLAVIS Number: Not listed
GB Number: S1228



APPLICATION

Olfactive Description: A vanilla odor with a spicy, clove like undertone.

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

DETAILS

Molecular Weight: 214.25
Molecular Formula: $C_{12}H_{16}O_4$
Chemical Name: Phenol, 2-ethoxy-4-(4-methyl-1,3-dioxolan-2-yl)-
Suggested Use Level: 1% - 5%
Tenacity on Blotter: >2 Weeks

SPECIFICATIONS

Minimum Purity: 98.0% (sum of isomers)
• **Main Isomer:** 50.0% min.
• **Secondary Isomer:** 40.0% - 50.0%
Appearance: Colorless to slightly yellow liquid
Additives: None

TECHNICAL

Log P: 1.58
Flash Point: 325°F (CC)
Boiling Point: 332.69°C (EPI 4.0)
Vapor Pressure: 0.00000742 mmHg @ 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			
7	Soy Wax-Burn Performance				x