



**BRI Number:** 818-SUS  
**CAS Number:** 18368-91-7  
**FEMA Number:** 3491  
**FLAVIS Number:** 02.095  
**GB Number:** S1366

**Molecular Weight:** 182.30  
**Molecular Formula:** C<sub>12</sub>H<sub>22</sub>O

## FRAGRANCE APPLICATION

**Olfactive Description:** An extremely powerful earthy, ambergris odor with a patchouli top note.

**Fragrance Use:** Imparts a powerful and diffusive ambery character with undertones of patchouli and oakmoss, which blend extremely well with oriental compositions.

## DETAILS

**Suggested Use Level:** Traces - 1.00%  
**Tenacity on Blotter:** >48 Hours

## STABILITY

pH	Base	Test Results
3	Fabric Softener	Good
3.5	Antiperspirant	Excellent
6	Shampoo	Excellent
7	Dish Detergent	Good
9	Liquid Detergent	Good
7	Soy Wax-Burn Performance	Excellent

## SPECIFICATIONS

**Minimum Purity:** 99.0% (sums of isomers)  
• **Main Isomer:** 97.0% min.  
• **Secondary Isomer:** 3.0% max.

**Appearance:** Colorless to pale yellow liquid

**Additives:** None

## TECHNICAL

**Log P:** 3.796  
**Flash Point:** 200°F (CC)  
**Boiling Point:** 229.08°C (EPI 4.0)  
**Vapor Pressure:** 0.0043 mmHg at 20°C  
**Solubility:** Insoluble in water; soluble in alcohol  
**Nature Identical:** Yes

## FLAVOR APPLICATION

**Taste Description:** Characteristic of fresh "clean dirt", root vegetable notes, beets, carrots, mushroom, potatoes.

**Flavor Use:** Earthy notes of root vegetable flavors like beets, potatoes, and carrots. Adds fresh squeezed notes to lemon and lime flavors. Interesting for cola, and mushroom flavors. Enhances woody notes associated with spices like patchouli and cinnamon.

## DETAILS

**Suggested Use Level:** 5.00 PPB - 0.50 PPM

## SPECIFICATIONS

**Minimum Purity:** 99.0% (sums of isomers)  
• **Main Isomer:** 97.0% min.  
• **Secondary Isomer:** 3.0% max.

**Appearance:** Colorless to pale yellow liquid

**Additives:** None

## TECHNICAL

**Log P:** 3.796  
**Flash Point:** 200°F (CC)  
**Boiling Point:** 229.08°C (EPI 4.0)  
**Vapor Pressure:** 0.0043 mmHg at 20°C  
**Solubility:** Insoluble in water; soluble in alcohol  
**Nature Identical:** Yes  
**Kosher:** Yes  
**Halal:** Yes