

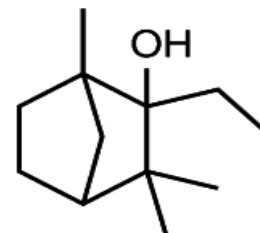


## TERRASOL™ FCC

BRI 818

**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  
**Chemical Name:** 2-Ethyl Fenchol



### APPLICATION

**Taste Description:** Earthy, characteristic fresh "clean" dirt, root vegetable notes (i.e., beets, carrots, potatoes), mushroom.

**Flavor Use:** Excellent for a variety of root vegetables including, but not limited to, beets, potatoes, carrots and parsnip when used at higher levels. Adds an authentic, fresh squeezed juice character to lemon and lime flavors when used at lower levels. Also interesting for root beer, cola, and mushroom flavors as well as adding earthy notes to characteristic pepper flavors.

**Suggested Use Level:** 0.005 - 0.5 PPM

### SPECIFICATIONS

**Minimum Purity:** 99.8% (sum of isomers)

- **Main Isomer:** 97.0% min.
- **Secondary Isomer:** 3.0% max.

**Appearance:** 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

### NOTES

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