**TYPICAL PHYSICAL PROPERTIES**

- **Flash Point °C**: 126 °C
- **[α]D** minimum: -13.2° to -11.8°
- **GC**: 98% min. as Hydroxycitronellal
- **Appearance**: Colorless clear liquid
- **CAS No.**: 107-75-5 / 34212-53-8
- **M.W.**: 172.27
- **FEMA / GRAS No.**: 2583
- **Food Grade Cert.**: YES
- **CLogP**: 2.11
- **Vapor Pressure**: 0.773 Pa at 25°C

**APPLICATION INFORMATION**

Used almost in any floral accord, but mainly in muguet and lilac.

**CHEMICAL STRUCTURE**

(S)-7-Hydroxy-3,7-dimethyloctanal

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HO

O

CHO
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Chemical formula - C₁₀H₂₀O₂

**SYNONYM**

I-Hydroxycitronellal

**SYNOPSIS**

A volatile constituent of large cardamom (Amomum subulatum Roxb).

**STORAGE**

Store in an airtight container.

**STABILITY**

Stable under normal storage conditions.

**USES**

- Hypochlorite bleach
- Perborate Powder Detergent
- Liquid Detergent
- Concentrated Fabric Softeners
- Soaps
- Alcoholic fine fragrances
- Toiletry Applications
- Antiperspirants

**SUBSTANCITY**

- Skin
- Dry Fabric
- Wet Fabric
- Hair

**TYPICAL USE LEVEL**

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