



I-LAURINAL®

FLORAL, MUGUET, GREEN, SWEET

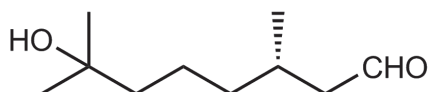
BIOBASED 100%

APPLICATION INFORMATION

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

CHEMICAL STRUCTURE

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



Chemical formula - C₁₀H₂₀O₂

SYNONYM

l-Hydroxycitronellal

TENACITY ON BLOTTER

> 24 00 00

HOURS DAYS WEEKS

BLOOM DIFFUSIVITY

● ● ● ●

POOR FAIR GOOD VERY

TYPICAL USE LEVEL



Chiraroma®

ODOR TYPE - FLORAL

OCCURENCE IN NATURE

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

TYPICAL PHYSICAL PROPERTIES

| | |
|--|--------------------------------|
| - Flash Point °C | 126 °C |
| - [α] _D ²⁰ 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 |

PROPERTIES

| | STABILITY | POOR | FAIR | GOOD |
|---------------------------------|-----------|------|------|------|
| - Hypochlorite bleach | | ● | | |
| - Perborate Powder Detergent | | ● | | |
| - Liquid Detergent | | | ● | |
| - Concentrated Fabric Softeners | | | | ● |
| - Soaps | | ● | | |
| - Alcoholic fine fragrances | | | | ● |
| - Toiletry Applications | | | ● | |
| - Antiperspirants | | | ● | |

| | SUBSTANTIVITY | POOR | FAIR | GOOD |
|--------------|---------------|------|------|------|
| - Skin | | ● | | |
| - Dry Fabric | | ● | | |
| - Wet Fabric | | ● | | |
| - Hair | | ● | | |