



Sustainable Scent™
Chiraroma®

CAS No. 107-75-5

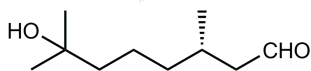
***l*-Laurinal®**

FLORAL MUGUET GREEN SWEET



CHEMICAL STRUCTURE

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



C₁₀H₂₀O₂

SYNONYM

l-Hydroxycitronellal

APPLICATION INFORMATION

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

OCCURRENCE IN NATURE

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

STABILITY

Fine Fragrance	-	GOOD
Fabric Softener	pH 3	GOOD
Antiperspirants	pH 3.5	FAIR
Toiletry Applications	pH 6	FAIR
Liquid Detergent	pH 9	FAIR
Soaps	pH 10	POOR
Powder Detergent	pH 11	POOR
Bleach	pH 14	POOR

SUBSTANTIVITY

Skin	POOR
Dry Fabric	POOR
Wet Fabric	POOR
Hair	POOR

TENACITY ON BLOTTER

>24 HOURS	00 DAYS	00 WEEKS
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BLOOM DIFFUSIVITY

VERY DIFFUSIVE

TYPICAL USE LEVEL

Up to 5%

TECHNICAL DATA

Flash Point °C	126°C
GC	98% min. as Hydroxycitronellal
CAS No.	107-75-5, 34212-53-8
FEMA / GRAS No.	2583
CLogP	2.11

Optical Rotation	-13.2° to -11.8°
Appearance	Colorless clear liquid
Molecular Weight	172.27
Vapor Pressure	0.773Pa at 25°C