

CAS No. 541-91-3

Chiraroma®
***l*-Muscone**

MUSK POWDERY ANIMALIC SWEET

Musk

<50%

Biobased

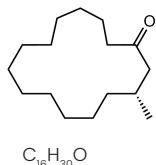
Readily

Nature
Identical

High
Impact

CHEMICAL STRUCTURE

(R)-3-Methylcyclopentadecanone



SYNONYM

l-Muscone

APPLICATION INFORMATION

Very effective in all kinds of fragrances, providing elegant, warm and powdery musky notes. Adds lift and diffusion to any perfume.

OCCURRENCE IN NATURE

The key perfumery component found in the male musk deer and *Moschus moschiferus*.

STABILITY

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

SUBSTANTIVITY

Skin	GOOD
Dry Fabric	GOOD
Wet Fabric	GOOD
Hair	GOOD

TENACITY ON BLOTTER

00 HOURS	00 DAYS	<01 WEEKS
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BLOOM DIFFUSIVITY

FAIRLY DIFFUSIVE

TYPICAL USE LEVEL

Trace to 2%

TECHNICAL DATA

Flash Point °C	166°C
GC	99% min. as Muscone
CAS No.	541-91-3, 10403-00-6
FEMA / GRAS No.	3434
CLogP	5.96

Optical Rotation	-12.0° to -9.0°
Appearance	Colorless to pale yellow liquid
Molecular Weight	238.42
Vapor Pressure	0.063 Pa at 25°C