

I-MUSCONE

MUSK, ANIMAL, POWDERY

Chiraroma®

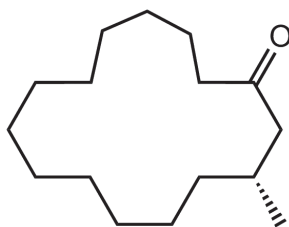
ODOR TYPE - ANIMAL

APPLICATION INFORMATION

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

CHEMICAL STRUCTURE

(R)-3-Methylcyclopentadecanone



Chemical formula - C₁₆H₃₀O

SYNONYM

I-Muscone

TENACITY ON BLOTTER

00

HOURS

00

DAYS

< 01

WEEKS

BLOOM DIFFUSIVITY



POOR



FAIR



GOOD



VERY

TYPICAL USE LEVEL



OCCURENCE IN NATURE

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

TYPICAL PHYSICAL PROPERTIES

- Flash Point °C	166 °C
- [α] _D ²⁰ minimum	-12.0° to -9.0°
- GC	99% min. as Muscone
- Appearance	Colorless to pale yellow liquid
- CAS No.	541-91-3 / 10403-00-6
- M.W.	238.42
- FEMA / GRAS No.	3434
- Food Grade Cert.	YES
- CLogP	5.96
- Vapor Pressure	0.063 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				•