



CAS No. 99-83-2

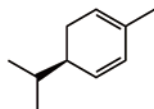
Phellandrene

CITRUS LIME PEPPER JUNIPER

Citrus **100%** Biobased Inherently ISO 16128 Nature Identical

CHEMICAL STRUCTURE

(R) -5-Isopropyl-2-methylcyclohexa-1,3-diene



$C_{10}H_{16}$

SYNONYM

(-)-(R)-.α.-Phellandrene

APPLICATION INFORMATION

Used in citrus, spicy and geranium accords.

OCCURRENCE IN NATURE

Found as main constituent in oils of *Ridolfia Segetum*, *Elemi*, and as minor constituent in oils such as eucalyptus, melaleuca, fennel and ginger.

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	FAIR
Bleach	pH 14	POOR

SUBSTANTIVITY

Skin	FAIR
Dry Fabric	POOR
Wet Fabric	POOR
Hair	FAIR

TENACITY ON BLOTTER

>02 HOURS | 00 DAYS | 00 WEEKS

BLOOM DIFFUSIVITY

DIFFUSIVE

TYPICAL USE LEVEL

1% to 5%

TECHNICAL DATA

Flash Point °C	53°C
GC	85% min. as Phellandrene alpha
CAS No.	99-83-2
FEMA / GRAS No.	2856
CLogP	4.62

Optical Rotation	-
Appearance	Colorless to pale yellow liquid
Molecular Weight	136.24
Vapor Pressure	255 Pa at 25°C