



# PHELLANDRENE

CITRUS, LIME, PEPPER, JUNIPER

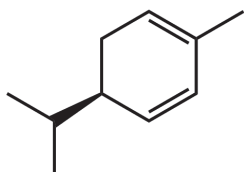
BIOBASED 100%

## APPLICATION INFORMATION

Used in citrus, spicy and geranium accords.

## CHEMICAL STRUCTURE

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



Chemical formula - C<sub>10</sub>H<sub>16</sub>

## SYNONYM

(-)-(R)-.α.-Phellandrene

## TENACITY ON BLOTTER

> 02

HOURS

00

DAYS

00

WEEKS

## BLOOM DIFFUSIVITY



POOR



FAIR

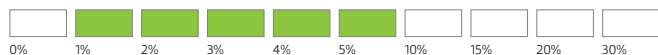


GOOD



VERY

## TYPICAL USE LEVEL



ODOR TYPE - CITRUS

## OCCURENCE 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.

## TYPICAL PHYSICAL PROPERTIES

- Flash Point °C	53 °C
- [α] <sub>D</sub> <sup>20</sup> minimum	-
- GC	85% min. as Phellandrene alpha
- Appearance	Colorless to pale yellow liquid
- CAS No.	99-83-2
- M.W.	136.24
- FEMA / GRAS No.	2856
- Food Grade Cert.	YES
- CLogP	4.62
- Vapor Pressure	255 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			●	