



CAS No. 54464-57-2

# Orbitone® T

WOODY AMBERGRIS FLORAL VIOLET

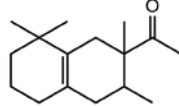
Woody **<50%**  
Biobased

**NOT**  
Readily

ISO 16128

## CHEMICAL STRUCTURE

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (and isomers)

 $C_{16}H_{26}O$ 

## SYNONYM

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## APPLICATION INFORMATION

Widely used in all types of fragrances like fresh-fruity, floral to woody amber. Gives sophisticated body and velvety richness.

## OCCURRENCE IN NATURE

Not found in nature.

## STABILITY

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

## SUBSTANTIVITY

<b>Skin</b>	GOOD
<b>Dry Fabric</b>	GOOD
<b>Wet Fabric</b>	GOOD
<b>Hair</b>	GOOD

## TENACITY ON BLOTTER

>24 HOURS	00 DAYS	00 WEEKS
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## BLOOM DIFFUSIVITY

DIFFUSIVE

## TYPICAL USE LEVEL

Up to 25%

## TECHNICAL DATA

<b>Flash Point °C</b>	148°C
<b>GC</b>	90 min. sum isomers
<b>CAS No.</b>	54464-57-2, 68155-66-8, 68155-67-9
<b>FEMA / GRAS No.</b>	-
<b>CLogP</b>	5.18

<b>Optical Rotation</b>	-
<b>Appearance</b>	Colorless to pale yellow liquid
<b>Molecular Weight</b>	234.38
<b>Vapor Pressure</b>	0.147 Pa at 25°C