

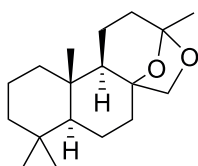
WOODY

AMBERY

VIA WHITE BIOTECHNOLOGY

5H-3,5a-Epoxyaphth[2,1-c]oxepin, dodecahydro-3,8,8,11a-tetramethyl-

CAS NUMBER* 0057345-19-4
REACH NUMBER* 01-2120266602-58
FEMA NUMBER



OLFACTIVE DESCRIPTION

Dry, woody and ambery notes, with a strong trigeminal effect.

Z11 is a molecule alive with a thousand sensations.

Its dryness, tenacity and sleek elegance call to mind a precious wood rimmed in shining metal...unforgiving in its strength and designed for pure performance.

Z11's true character emotionally empowers the signature of a perfume.

PERFUMERY USAGE

A 10% dilution in DIPG is available: 992963
Z11 BRUT DIST DIPG.

The process combines the best of white biotechnology and green chemistry, resulting in a renewable ingredient while ensuring stable quality, reliable supply and with unlimited future availability.

The chemical structure is close to AMBROX®.

TENACITY

Lasts 1 month on a smelling strip

1 MONTH
3 WEEKS
2 WEEKS
1 WEEK
4 DAYS
3 DAYS
2 DAYS
1 DAY
6 HOURS
3 HOURS
2 HOURS
1 HOUR

PHYSICO-CHEMICAL PROPERTIES

LOG P (MEASURED)	4.59
APPEARANCE	LIQUID
FLASHPOINT	>100°C
VAPOUR PRESSURE	-
MOLECULAR WEIGHT	-
BOILING POINT	-

STABILITY & PERFORMANCE

RECOMMENDED APPLICATIONS	STABILITY	CONCENTRATION AVG - MAX	SUBSTANTIVITY & REMARKS	
FINE FRAGRANCES	■■■■	0,6% - 2%	HEART AND BASE NOTE	
SHAMPOO	■■■	0,2% - 0,4%	WET ■■■	DRY ■■
SHOWER GEL	■■■	0,4% - 1%	BLOOM ■■■	
SOAP	■■■	0,3% - 0,8%	FOAM ■■■	DRY HAND ■■
DETERGENT	■■■■	0,02% - 0,06%	WET ■■■■	DRY ■■■■
SOFTENER	■■■■	0,07% - 0,3%	WET ■■■■	DRY ■■■■
APC	■■■■	0,09% - 0,4%		
CANDLE	■■■■	0,6% - 2%	COLD WAX ■■■■	BURNING ■■■■

DID YOU KNOW ?

The name «Z» comes from Zurich University. It was the 11th molecule discovered during our works with Pr. Ruzicka.
Now produced via white biotechnology.

CAS NUMBER* and REACH NUMBER* of the pure ingredient.