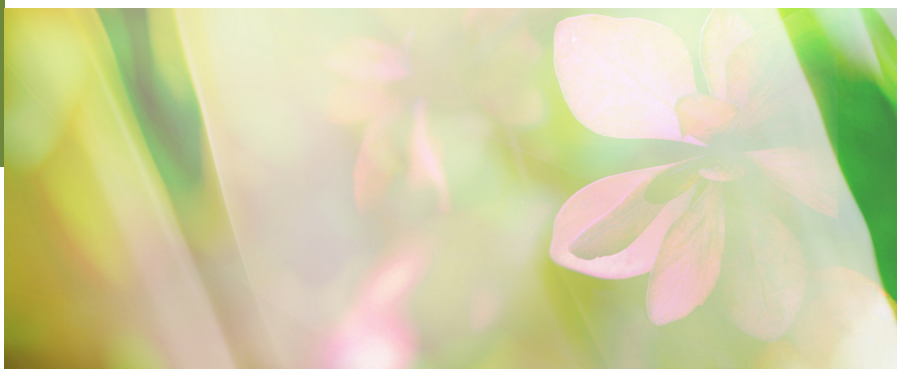




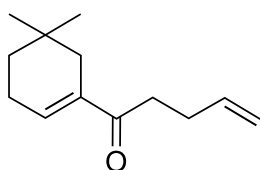
GREEN

CHEMICAL SYNTHESIS

4-Penten-1-one, 1-(5,5-dimethyl-1-cyclohexen-1-yl)-



CAS NUMBER 0056973-85-4
REACH NUMBER 01-2120735847-42
FEMA NUMBER



OLFACTIVE DESCRIPTION

Green, fruity, floral and extremely powerful, NEOBUTENONE® ALPHA is the purest expression of a classic green, galbanum-type note.

The pineapple effect is really amazing when associated in fruity green accords.

PERFUMERY USAGE

"Best in class" of its family, versatile and diffusive, it is used in all types of fragrances and applications to give unique fresh, green, floral and fruity effects.

It brings out the floral character of rose ketones.

The olfactive profile changes according to dosages:

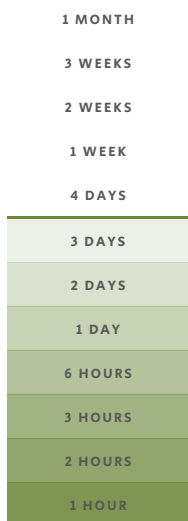
at 0.01%: Floral effect

at 0.1%: Green effect

at 1%: Fruity effect.

TENACITY

Lasts 3 days on a smelling strip



PHYSICO-CHEMICAL PROPERTIES

LOG P (MEASURED) 3.89

APPEARANCE LIQUID

FLASHPOINT >100°C

VAPOUR PRESSURE 1.44 Pa at 20°C

MOLECULAR WEIGHT 192

BOILING POINT -

STABILITY & PERFORMANCE

| RECOMMENDED APPLICATIONS | STABILITY | CONCENTRATION AVG - MAX | SUBSTANTIVITY & REMARKS | |
|--------------------------|-----------|-------------------------|-------------------------|---------------|
| FINE FRAGRANCES | ■■■■ | TRACES - 0,05% | TOP AND HEART NOTE | |
| SHAMPOO | ■■■■ | 0,03% - 0,1% | WET ■■■■ | DRY ■■■■ |
| SHOWER GEL | ■■■■ | 0,03% - 0,1% | BLOOM ■■■■ | |
| SOAP | ■■■■ | 0,04% - 0,1% | FOAM ■■■■ | DRY HAND ■■■■ |
| DETERGENT | ■■■■ | 0,1% - 0,5% | WET ■■■■ | DRY ■■ |
| SOFTENER | ■■■■ | 0,07% - 0,3% | WET ■■■■ | DRY ■■■■ |
| APC | ■■■ | 0,05% - 0,2% | | |
| CANDLE | ■■■ | 0,02% - 0,10% | COLD WAX ■■ | BURNING ■■■ |

DID YOU KNOW ?

NEOBUTENONE® ALPHA was first introduced on the market in GALBEX® 000183 (1974), a base which became incredibly successful as it offered a stable and powerful green note unavailable at the time.