MENTHONE NATURAL
HERBAL, MINTY, SWEET, WOODY

BIOBASED 100%

TYPICAL PHYSICAL PROPERTIES

PROPERTIES

- Flash Point °C 74 °C
- [α]D minimum -
- GC 98%-min. as C10H18O
- Appearance Colorless to pale yellow liquid
- CAS No. 89-80-5
- M.W. 154.25
- FEMA / GRAS No. 2667
- Food Grade Cert. YES
- CLogP 2.87
- Vapor Pressure 49.400 Pa at 25°C

SYNONYM

trans-p-Menthan-3-one

APPLICATION INFORMATION

Used in perfume compositions such as geranium and lavender. Can be used in traces to give freshness and lift. Used in flavor mainly for dentifrice flavors and synthetic peppermint.

CHEMICAL STRUCTURE

(2S*,5R*)-2-Isopropyl-5-methylcyclohexanone

Chemical formula - C10H18O

OCCURRENCE IN NATURE

Found in oils of peppermint, Japanese mint, pennyroyal, Micromeria abyssinica benth., geranium and other oils.

TYPICAL USE LEVEL

0% 1% 2% 3% 4% 5% 10% 15% 20% 30%

STABILITY

- Hypochlorite bleach
- Perborate Powder Detergent
- Liquid Detergent
- Concentrated Fabric Softeners
- Soaps
- Alcoholic fine fragrances
- Toiletry Applications
- Antiperspirants

SUBSTANTIY

- Skin
- Dry Fabric
- Wet Fabric
- Hair

BLOOM DIFFUSIVITY

POOR FAIR GOOD VERY

> 12 00 00

TENACITY ON BLOTTER

HOURS DAYS WEEKS

POOR FAIR GOOD VERY

0% 1% 2% 3% 4% 5% 10% 15% 20% 30%