PINENE ALPHA

BIOSBASED 100%

APPLICATION INFORMATION
For use in flavor, fragrance and in essential oil imitations.

CHEMICAL STRUCTURE
2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene

SYNONYM
Pin-2(3)-ene

TYPICAL PHYSICAL PROPERTIES
- Flash Point °C 32 °C
- [α]D minimum –
- GC 97% min. as Pinene alpha
- Appearance Colorless to pale yellow liquid
- CAS No. 80-56-8
- M.W. 136.24
- FEMA / GRAS No. 2902
- Food Grade Cert. YES
- ClogP 4.27
- Vapor Pressure 536 Pa at 25°C

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

STABILITY
- POOR • FAIR • GOOD •

SUBSTANTIvITY
- Skin •
- Dry Fabric •
- Wet Fabric •
- Hair •

OCCURRENCE IN NATURE
Found in turpentine and present in many essential oils. Extracted from the leaves, bark and wood.

TYPICAL USE LEVEL

TENACITY ON BLOTTER
> 02 POOR FAIR GOOD
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BLOOM DIFFUSIVITY

0% 10% 20% 30%