

# Product Specification

Product:	Beta Pinene (1S), Natural
FEMA No:	2903
CAS No:	127-91-3
CFR No:	117
Chemical name or Synonyms:	2,6,6-trimethylbicycl[3.1.1] hept-2-ene
Empirical Formula:	C <sub>10</sub> H <sub>16</sub>
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Colorless to light yellow liquid
Odor:	Characteristic aroma of gum turpentine with a dry, woody or piney, resinous odor of low tenacity
Boiling Point:	164°C
Flash Point:	35-36°C
Specific Gravity @ 25°C: (for liquids only)	0.865-0.875
Refractive Index @ 20°C: (for liquids only)	1.475-1.485
Purity (GLC):	97% Min
Solubility:	Soluble in most organic solvents; Insoluble in water
Storage and Shelf Life:	Store under cool, dry conditions in a clean environment away from light and ignition sources. 24 Months shelf life

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