



## Product Specification

Product code:	1249
Product name:	Alpha Pinene Natural
Chemical name or synonyms:	2,6,6-trimethyl bicyclo [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 pale yellow liquid
Odor:	Pine
Melting point (for solids only):	-
Boiling point:	155-156°C
Flash point:	ca. 32°C
Specific gravity @ 20°/20°C:	0.854-0.864
Specific gravity @ 25°/25°C:	0.851 – 0.861
Refractive index @ 20°C:	1.460-1.470
Assay (by GLC):	98% min.
Solubility:	Insoluble in water; soluble in most organic solvents
Optical Rotation:	-50 - -20 Degrees
Storage and shelf life:	In tightly closed container away from light and source of ignition at max. 20°C: 12 months min
FEMA No.:	2902
CFR No.:	172.510
EINECS No.:	201-291-1
CAS No.:	80-56-8
CoE No.:	2113
HS code:	2902190050

Date: July 2010  
Version: 3.0