



## Product Specification

Product code:	1063
Product name:	Natural Alpha Terpineol
Chemical name or synonyms:	Alpha-terpineol
Empirical formula:	C <sub>10</sub> H <sub>18</sub> O
Declaration in USA:	Natural
EU:	Natural Flavoring Substance
Appearance:	Clear colorless liquid; (If solidified place the entire drum/container in a warm water bath or hot box no greater than 35°C. Stir well to obtain uniform liquid composition)
Odor:	Pine
Melting point (for solids only):	N/a
Boiling point:	217°C
Flash point:	ca. 89.4°C
Specific gravity @ 20°/20°C:	0.935 - 0.945
Refractive index @ 20°C:	1.480 - 1.485
Optical Rotation:	-60° to -82°
Assay (typical, by GLC):	96% min. alpha isomer
%ee (by Chiral GC):	60% min. (%R: 20% max. and %S: 80% min.)
Solubility:	Insoluble in water; soluble in most organic solvents.
Storage and shelf life:	In tightly closed container away from light and source of ignition at max. 20°C; 24 months min.
FEMA No.:	3045
CFR No.:	172.510
EINECS No.:	202-680-6
CAS No.:	10482-56-1/98-55-5
CoE No.:	62
HS code:	2906.19.3000
FLAVIS No.:	2.014

Date: May 2018  
Version: 12.0