

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Alpha Phellandrene, Natural
FEMA No:	2856
CAS No:	99-83-2
CFR No:	117
Chemical name or Synonyms:	1,3-Cyclohexadiene
Empirical Formula:	C₁₀H₁₆
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Colorless to pale yellow liquid
Odor:	Pleasant fresh, citrus, peppery with a minty note.
Boiling Point:	175°C
Flash Point:	47°C
Specific Gravity @ 25°C: (for liquids only)	0.835-0.865
Refractive Index @ 20°C: (for liquids only)	1.471-1.477
Purity (GLC):	95% min (sum of major components)
Solubility:	Soluble in alcohol; insoluble in water
Storage and Shelf Life:	Tightly sealed in a cool and dry location out of direct heat and light - 24 months shelf life

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