

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Gamma Decalactone, Natural EU
FEMA No:	2360
CAS No:	706-14-9
CFR No:	117
Chemical name or Synonyms:	4-Hydroxydecanoic acid, γ-lactone
Empirical Formula:	C₁₀H₁₈O₂
Declaration in USA: EEC:	Natural Natural Flavoring Substance
Appearance:	Colorless to pale yellow liquid
Odor:	Fruity, peach-like
Optical Rotation:	+42 - +44
Boiling Point:	281°C
Flash Point:	110°C
Specific Gravity @ 25°C: (for liquids only)	0.948-0.958
Refractive Index @ 20°C: (for liquids only)	1.447-1.451
Purity (GLC):	95% Min
Solubility:	Soluble in alcohol; insoluble in water
Storage and Shelf Life:	Store under cool conditions in a clean environment away from heat and ignition sources. Recommended storage in unopened containers- 24 months shelf life

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