

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Ethyl Palmitate, Natural
FEMA No:	2451
CAS No:	628-97-7
CFR No:	117
Chemical name or Synonyms:	Hexadecanoic Acid Ethyl Ester
Empirical Formula:	$C_{18}H_{36}O_2$
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Colorless or white solid or liquid
Odor:	Waxy
Melting Point (For solids only)	25°C
Boiling Point:	303°C
Flash Point (For liquids only):	110°C
Specific Gravity @ 25°C: (for liquids only)	0.856-0.866
Refractive Index @ 20°C: (For liquids only)	1.430-1.450
Acid value:	1.0 Max
Purity (GLC):	98% Min
Solubility:	Insoluble in water; soluble in most organic solvents
Storage and Shelf Life:	Store in cool, dry area away from heat and open flame 24 Months shelf life

Revision #3 8/11/2022