

ETHYL PALMITATE
Hexadecanoic acid, ethyl ester



BRI Number: 894-SUS
CAS Number: 628-97-7
FEMA Number: 2451
FLAVIS Number: 09.193
GB Number: S0510

Molecular Weight: 256.43
Molecular Formula: C₁₈H₃₆O₂

FRAGRANCE APPLICATION

Olfactive Description: A soft, waxy odor.
Fragrance Use: Used for a somewhat balsamic note in vanilla or other sweet fragrances.

DETAILS

Suggested Use Level: 1% - 5%
Tenacity on Blotter: >2 Weeks

SPECIFICATIONS

Minimum Purity: 99.0%
• **Main Isomer:** Not applicable
• **Secondary Isomer:** Not applicable
Appearance: White solid at <25 °C
Additives: None

TECHNICAL

Log P: 7.74
Flash Point: 230 °F (CC)
Boiling Point: 337.13 °C (EPI 4.0)
Vapor Pressure: 0.0002 mmHg at 20 °C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes

FLAVOR APPLICATION

Taste Description: Fatty, waxy.
Flavor Use: Excellent for dairy-type flavors. Can also be used for a variety of distilled spirits including whiskey, brandy, and wine.

DETAILS

Suggested Use Level: 5 - 50 PPM

SPECIFICATIONS

Minimum Purity: 99.0%
• **Main Isomer:** Not applicable
• **Secondary Isomer:** Not applicable
Appearance: White solid at <25 °C
Additives: None

TECHNICAL

Log P: 7.74
Flash Point: 230 °F (CC)
Boiling Point: 337.13 °C (EPI 4.0)
Vapor Pressure: 0.0002 mmHg at 20 °C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes
Kosher: Yes
Halal: Yes