



Isopropyl palmitate

Chinese name: Isopropyl palmitate

English name :Isopropyl palmitate

Chinese alias: isopropyl hexadecate; IP; Hexadecanoate -
1-methylethyl ester; Isopropyl cetanoate

English alias :Palmitic acid isopropyl ester; Hexadecanoic acid
isopropyl ester; propan-2-yl hexadecanoate

CAS number :142-91-6

EC No. : 205-571-1

Molecular formula :C₁₉H₃₈O₂

Molecular weight :298.5038

Physical property data

1. Properties: Colorless to light yellow oily liquid. With excellent permeability, odorless and tasteless.
2. Density (g/mL, 25/4 °C) : 0.8404
3. Melting point (°C) : 13~15
4. Boiling point (°C, 0.266KPa) : 160
5. Refractive Index (20°C) : 1.4364
6. Flash point (°C) : > 110
7. Viscosity (mPa • s, 25°C) : 5~10
8. Solubility: soluble in acetone, chloroform, ethanol, ethyl acetate, mineral oil, isopropyl alcohol, silicone oil, vegetable oil, aliphatic hydrocarbon and aromatic hydrocarbon; Insoluble in glycerol, diol and water.
9. Normal temperature refractive index (n₂₅) : 1.43164
10. Relative density (20 °C, 4 °C) : 0.840437.8
11. Boiling point (°C) : 4197.110

Main use

Tianjin Ruike Chemical Co. LTD

Tel:+86 18526852692

Add:Room 116-11, 160 Xiangyuan Road, Jingjin Science and Technology Valley Industrial Park, Wuqing District, Tianjin

tjrkhg@126.com

www.rk-chem.com



1. Can be used as oil in skin care and hair care products. Can also be used as a solubilizer. It can be used as a decomposing suspension agent in beauty products, which is conducive to uniform application, making the skin feel soft and increase rub resistance. It can be used in hair dye, sunscreen and antiperspirant to stabilize foam. Used as emollient, oil carrier, solvent.

2. It is an excellent emollient, used in cosmetics, can increase the applicability of cosmetics, make the skin soft and greasy, can be used in cream, foundation cream, lipstick, sunscreen, hair oil, mascara, eyeshadow and other formulas.

Storage method

Plastic barrels or galvanized iron barrels. Store in a cool, dry warehouse away from fire and heat.