

Ester Alcohol C16 Technical Data Sheet

Chemical Name: 2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate

Other name: C-16, C-16 Alcohol Ester, Alcohol Ester C-16, Ester Alcohol C16

Molecular Formula: C₁₆H₃₀O₄

Molecular Weight:286.4

CAS No.: 6846-50-0

EINECS No.: 229-934-9

Specifications:

Item	Ester Alcohol C16
Appearance	Colorless and transparent liquid
Purity:	99%Min
Acidity(as Butyric acid,wt%)	0.05%Max
Water content	0.1%Max
Color,(Pt-Co)	15Max
Evaporation Rate,(n-butyl acetate=1)	0.0004
Boiling Point,(°C, @760mm Hg)	281
Freezing Point,(°C)	-70
Specific Gravity,(g/ml, @20°C)	0.942-0.948
Vapor pressure,(Kpa @20°C)	0.0001Max
Refractive Index,(@20°C)	1.43
Solubility in water,(g/L, @20°C)	0.42

Advantages:

- Low odor and low Toxicity Coalescing agent
- Non-VOC according to China State Environmental Protection Agency and European Union Directive 2004/42/EC

Applications:

- Excellent low odor, especially suitable for interior latex paint.
- Efficient coalescing agent in all types of latex paints.
- Enhance paint performance including low temperature coalescent, touch-up, scrub resistance, etc.
- Coatings for Architectural, Can and Coil, General Industrial, Industrial Maintenance and Marine.etc.
- Used as plasticizer in plastic products and PVC production, etc.

Package:

200kg Drum, 950KG IBC drum, Flexitank, ISO TANK or upon client's request.