

Technical Data Sheet

Product Name: 2,2,4-Trimethyl-1,3-Pentanediol Monoisobutyrate

Other name: CS-12, C12,C-12 Alcohol Ester

Molecular Formula: C₁₂H₂₄O₃

Molecular Weight:216.3

CAS No.: 25265-77-4

EINECS No.: 246-771-9

Specificaions:

Item	C-12 Alcohol Ester
Appearance	Colorless and transparent liquid
Purity:	99%Min
Color(Pt-Co) No.	10 Max
Acidity(Calculated by isobutyric acid)	0.5%Max
Water content	0.1%Max

Applications:

- Widely used in emulsions, adhesives and architectural coating
- It can be used directly after appropriate churning, add C-12 Alcohol Ester into the film-forming system. It is recommended to add C-12 Alcohol Ester after the pigments are dispersed. Usually it takes up around 4%-8% of the emulsion solid content, but not exceeding 12%.
- It is an ideal water-based coalescent agent, and has preferable film-forming effect to a various kind of emulsion polymer systems and could reduce minimum film forming temperature.
- It can be applied in situations that are difficult to form films(e.g. High glass transition temperature, low construction environment temperature), and is extremely appropriate for various kinds of water-based coating systems, such as emulsions, latex paints and adhesives synthesized from methacrylate, cinnamene and vinyl acetate.

Package:

200kg Drum, IBC drums, Flexitank or upon client's request.