

## Alcohol Ester C-12

**Product Name:** Alcohol Ester-12

### CHEMICAL FORMULA AND MOLECULAR WEIGHT

**Chemical formula:**  $C_{12}H_{24}O_3$   
**Molecular weight:** 216.3  
**CAS No.:** 25265-77-4

### PROPERTIES AND APPLICATION

- Colorless, transparent oil liquid, b.p. 255°C, freezing point -50°C, refractive index 1.4423 (20°C).
- This product 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.
- This product is widely used in emulsions, adhesives and architectural coating.
- This product can be used directly. After appropriate churning, add Alcohol Ester-12 into the film forming system. It is recommended to add Alcohol Ester-12 after the pigments are dispersed. Usually it takes up around (4-8)% of the emulsion solid content but not exceeding 15%.

### QUALITY STANDARD

SPECIFICATION		RECTIFYING GRADE
Color (Pt-Co) No.	≤	20
Content (GC), %	≥	99.0
Acidity (calculated by isobutyric acid), % ≤		0.5
Water %	≤	0.1
Density (20°C), g/cm <sup>3</sup>		0.95

### PACKAGE AND STORAGE

- net weight 25 kg/plastic drum, 50 kg/plastic drum, 200 kg/plastic drum, 950 kg/IBC drum
- Stored in a dry, cool and ventilated place. Avoid violent collision and rain during handling and shipping.
- Can be stored and transported according to the rules and regulations of non-dangerous goods.

#### DISCLAIMER

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact UCC Technical Service Department.