

Changle Yili Chemical Co., Ltd

Zhuliu Industrial Park, Changle County, Weifang, Shandong 262400, China

Dibasic Ester (DBE)

1. **Main compositions:** Dimethyl succinate, dimethyl glutarate, dimethyl adipate. It is non-toxic, colorless transparent liquid with light ester aroma.

2. **Features:**

- 1). Wide boiling and distilling range.
- 2). Slow evaporation in normal temperature, but evaporations will speed up as temperature rise.
- 3). Excellent levelling property, can improve lustrousness, improve hiding powder of pigments, increase

3. **Quality Specification:**

Ester Content:	99.0% min
Dimethyl Succinate	15-25%
Dimethyl Glutarate:	55-65%
Dimethyl Adipate:	9-25%
Density(20deg. c.)	1.076-1.096
Distillation Range(20deg. c.):	196-230
Moisture:	0.1% max
Acid value (MgKOH/g):	0.2 max
Colour:	15 APHA max
Methanol:	0.2% max
Appearance:	Colorless transparent liquid

4. **Uses:** It is an environmentally sound solvent for coatings, mainly used as high boiling solvent for coating industry can coating, printing ink industry, metal furniture, coating, foundry resin (cold box resin) and insulating coating industry. It can take the place of isophorone, glycol ether, cyclohexanone etc. It is suitable for baking-type synthetic resin paint and high-temperature fast drying coil coatings, board coatings, auto coatings etc.

5. **Packing & Transport:** 220kgs/steel drum; Flexitank, IBC & Isotank, transported as per general chemicals

6. **Molecular Formula:** CH₃OOC(CH₂)_nCOOCH₃ n=2、3、4