



Diethyl adipate (DEA)

English name: Diethyl adipate

CAS No. : 141-28-6

Structural formula: $C_2H_5OOC - (CH_2)_4 - COOC_2H_5$

Molecular formula: $C_{10}H_{20}O_4$

Molecular weight: 202.25

Quality standard:

Index name	index
appearance	Clear oily liquid
Color (APHA) \leq	20
Content (GC), % \geq	99.5
Acid value KOHmg/g \leq	0.15
Water (wt), % \leq	0.15

Properties and uses: This product is colorless or light yellow transparent oil liquid. Freezing point: $-21^{\circ}C$, relative density: ($20^{\circ}C$) 1.026, insoluble in water, soluble in alcohol, ether and other organic solvents. This product is used as solvent and organic synthesis.

Packing and transportation: 200L plastic drum, net weight 200Kg per barrel, or canned. General chemicals, store in a cool and dry place