

## **TECHNICAL DATA SHEET**

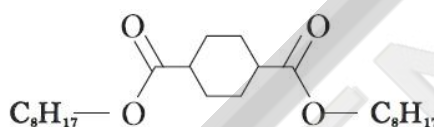
**NAME OF COMMODITY:** 1,4-CYCLOHEXANE DICARBOXYLIC ACID,  
DI-2ETHYLHEXYL ESTER

**CAS NO.:** 84731-70-4

**MOLECULAR FORMULA:** C<sub>24</sub>H<sub>44</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 396

**STRUCTURE FORMULA:**



TESTS	SPECIFICATIONS
Appearance	Colorless Clear Liquid
Ester Content %	99 Min
Color(Apha)	25 Max
Water %	0.05 Max
Acid Value(mgKOH/g)	0.05 Max
Specific Gravity 20/20°C	0.953-0.959
Refractive Index 25°C	1.455-1.461
Heating Loss 125°C ± 3°Cx 3hr %	0.1 Max
Volume Resistivity Ω-cm30°C	20x10 <sup>11</sup> Min

### **APPLICATION:**

This product is produced by the hydrogenation of Di-(2-Ethylhexyl) Terephthalate(DOTP), it is a non-phthalate plasticizers, it is low migration, low substitution factor, faster gelation and is suitable for sensitive application, in particular, food wrapping, toys, medical device, plastic inflatable, wall paper.

**PACKING:** net 200 kg drums; or bulk in ISO tank

**SHELF LIFE:** 12months