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About Chemflexx DOA

The Chemical Company's (TCC) **Chemflexx DOA** (Di-2-ethylhexyl adipate or DOA) is a plasticizer with a wide range of applications.

Chemflexx DOA is flexible at low temperatures, features good electrical properties as well as resistance to weathering and stability to heat. The light colored, oily liquid is used to manufacture clear films for food packaging applications. Additionally, the product is compatible with nitrocellulose, ethyl cellulose, most synthetic rubbers, and cellulose acetate butyrate. Short chain esters are used as high-boiling, biodegradable, low-toxicity solvents and antiperspirants. Long chain esters of adipic acid are used as lubricants for the functions of stability, superior lubricity, corrosion protection, biodegradability, and excellent performance at both high and low temperatures. Adipic acid esters are used as low-temperature-resistant and low-viscosity plasticizers for polymers and cellulose esters.