Plasticizers are generally substances that are added to a polymer compound mostly plastics or rubbers to improve their flexibility and make them easier to shape and be moulded. **BASPARLIA** manufactures both phthalate and non-phthalate plasticizers for different applications.

Product	Description	Appearance	Viscosity (mPa.s)	Density (g/cm^3)	Refractive Index	Acid Value (mgKOH/g)	Water Content (%)
DIBP/DBP (Diisobutyl Phthalate /Dibutyl Phthalate)	Phthalate-based plasticizer, used as a softener in plastics, nitrocellulose coatings, surface coatings, pigment dispersions and vinyl resins	Clear odorless liquid	30 - 35	1.030 ± 0.01	1.495 ± 0.004	Max. 0.04	Max. 0.1
DOA (Dioctyl Adipate)	Non-phthalate plasticizer, used for flexible PVC, coatings, rubbers and food packagings. Compatible with nitrocellulose lacquers		13 - 15	0.925 ± 0.01	1.446 ± 0.004	Max. 0.07	Max. 0.1

Liaflex 6500 which is an Epoxidized Soybean Oil (ESBO) is a plasticizer used mostly in soft PVC and its copolymers. It also acts as a secondary heat and light stabilizer. Moreover, Liaflex 6500 can take the role of acid scavenger for Soy-based inks, agricultural chemicals and insecticides. In high viscosity epoxy systems, Liaflex 6500 serves as an effective reactive diluent without imposing any negative effects on the mechanical properties.

Product	Description	Oxirane No.	Iodine Value	Viscosity (mPa.s)	Properties
Liaflex 6500 (ESBO)	Epoxidized Soybean Oil	6 - 6.5	1 - 3	400 - 620	Good compatibility with all PVC grades, chlorinated rubber and nitrocellulose, Low tendency for migration and volatilization

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