



ULTRA-FLEX™ EPO

Plasticizer

COMPOSITION: Epoxidized plant oil

<i>PROPERTIES</i>	<i>TYPICAL</i>
Appearance	Light yellowish, high viscous liquid
Viscosity (25°C) cps	< 200
Specific Gravity (g/ml)	1.00
Acid Number (mg KOH/g)	< 1
Water Content %	< 0.2
Physiological behavior	Refer to Material Safety Data Sheet
Storage stability	At least 1 year under normal conditions
Packaging	Steel drum 200 kg; bulk available on req.

RECOMMENDATIONS FOR APPLICATION :

ULTRA-FLEX™ EPO is a plasticizer based on palm oil derivatives, to replace aromatic and naphthenic plasticizer in rubber compounds.

ULTRA-FLEX™ EPO as compared to petroleum based oils, is based on renewable resources and non hazardous. It does not contain PCA's and does not have to be labeled. It is suitable for standard unsaturated polymers (NR,SBR,BR,IR...) and NBR. If used as a replacement for aromatic oil, the formula has to be adjusted to reduced plasticizer level since the softening effect of **ULTRA-FLEX™ EPO** is stronger. The compatibility in compounds is very good and it shows in most cases better ageing properties due to a low volatility.

DOSAGE: **Depending on formulation!**