



Kaiser Industries Ltd.

EMULSTAB-P

We have a Product **EMULSTAB-P** (Stabilizer for EC Formulations).

This is an epoxydized soyabean oil (fortified with stabilizers) based product. Earlier the Stabilizer which was used in the industry was Epichlorohydrine as was crycogenic has been phased out, and EMULSTAB-P is now being extensively used and has totally replaced Epichlorohydrine.

In almost all EC Formulations, there is an issue of degradation of technical, development of acidity due to which the technical contents deteriorate. The agro-chemicals formulations as now are being packed in Aluminum and PET bottles, due to exposure of heat/sun-light, there is development of acidity. The technical contents deteriorate over a storage period. EMULSTAB-P is a versatile stabilizer which completely stops the deterioration of the technical in the formulation. It stabilizes the formulation and technical contents remain intact till the complete shelf life of the formulation.

EMULSTAB-P is being used by all the formulators who are conscious of the quality of their EC formulations. For the formulations of Pretilachlor, Triazophos and Profenofos and other molecules, it is almost a compulsory product. We are supplying this Product to almost all the leading companies who have found EMULSTAB-P as an essential ingredient in their formulations as a stabilizer.

The dosage of this product is 1.5% to 2% in the formulation. There is hardly any increase in cost of formulation as the solvent is replaced and instead of the solvent, 1.5% to 2% of EMULSTAB-P is used.

We suggest & recommend the use of EMULSTAB-P in all your EC formulations to enhance and improve the quality of your product.



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EMULSOL EMULSTAB-P

Emulsol EMULSTAB-P is a good plasticizer and stabilizer for enhancing soft PVC's softness and shine with good sunlight-resistant, heat-resistant, low volatile, excellent gelling and nontoxic property on clear and clean liquid appearance, which is soluble in hydrocarbon, ketal, ester, high spirit and the such like organic solvent, slightly soluble in alcohol but insoluble in water.

APPLICATION

It is adaptable to such products as medical appliances, drugs and food packing, wallpaper, farm film, rigid sheet, hose, tube, blow moulding (bottle), injection moulding, cable coating, leatheroid, refrigerator and sealing strips for motor etc.

SPECIFICATIONS

Item of Analysis	Unit	Specifications
Appearance & Odour		Viscous yellow liquid – mild odour
Relative Density (specific gravity)	25°C	0.990±0.005
Viscosity (25°C)	c-poise	390 max
Volatile (heat loss) & Water (125°Cx3 hours)	%	0.3 max
Flash Point	°C	280 min.
Refractive index	25°C	1.470±0.003
Epoxy Value	%	6.6 min.
Acid Value	KOH mg/g	0.5 max
Iodine Value	gI ² /100g	2.8 max
Heat Stability (177°Cx3 hours)		95

STORAGE

Keep it at cool, dry and ventilation place as the common chemical goods and general warehouse.