

Product Identification

Flexricin® P-1, methyl ricinoleate, is a clear, bright, low viscosity liquid. It is a low-temperature plasticizer for rubber polymer in the production of low durometer stock. It functions as a lubricant-plasticizer for phenolic molding compounds and as a plasticizer for epoxy resin systems

Physical Properties

<u>Property</u>	<u>Value</u>
Acid Value	3
Boiling Point @ 1mm, °C	170
Color, Gardner	3
Composition	Methyl Ricinoleate
Density, lbs./gal, 25°C	7.70
Fire Point, COC, °F	420
Flash Point, COC, °F	370
Form	Clear thin liquid
Hydroxyl Value	170
Iodine Value	85
Molecular Weight	310
Pour Point, °F	-20
Refractive Index	1.4620
Saponification Value	178
Specific Gravity, 25°C/25°C	0.925
Viscosity, 25°C, Stokes	0.3

Applications

- Plasticizer for nitrocellulose lacquers
- Excellent secondary plasticizer, lubricant and processing aid for vinyl resins. Recommended for low viscosity and non-exudation in PVC plastisols
- Grinding medium for pigment dispersions

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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