

Product Identification

Flexricin® P-4, methyl acetyl ricinoleate, is an all-purpose plasticizer for lacquers and vinyls. It is a plasticizer and processing aid for rubber compounds. It is a low volatility, low viscosity, product which imparts exceptional cold crack resistance to flexible nitrocellulose lacquers.

	Property	Value
Physical Properties	Acid Value	2
	Boiling Point @ 1mm, °C	185
	Color, Gardner	3
	Composition	Methyl Acetyl Ricinoleate
	Density, lbs./gal, 25°C	7.79
	Fire Point, COC, °F	435
	Flash Point, COC, °F	375
	Form	Clear thin liquid
	Hydroxyl Value	5
	Iodine Value	75
	Molecular Weight	346
	Pour Point, °F	-15
	Refractive Index	1.4545
	Saponification Value	300
Specific Gravity, 25°C/25°C	0.936	
Viscosity, 25°C, Stokes	0.2	

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
- Processing aid and plasticizer for rubber compounds
- Grinding medium for pigment dispersions

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

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