

# Lithium Ricinoleate 50%

## Technical Data Sheet



### Product Identification

**Lithium Ricinoleate** is recommended as an alcoholysis or transesterification catalyst for alkyd resin manufacture. **Lithium Ricinoleate** speeds up the alcoholysis step considerably, produces lighter-colored monoglycerides and eliminates precipitates (insoluble soap formation) and colloidal formations associated with lime and litharge catalysts. **Lithium Ricinoleate** is much less sensitive than lime or litharge to poisoning by residual phthalic anhydride. **Lithium Ricinoleate** is particularly effective for the manufacture of dehydrated castor oil alkyds. It is also useful for difficult esterifications to improve yields.

### Physical Properties

<u>Property</u>	<u>Value</u>
Acid Value	0.2
Appearance	White to Of-white Paste
Ash, %	2.3
Bulk Density (lb/gal) @25°C	8.32
Lithium Ricinoleate, %	50
Molecular Weight	302
Specific Gravity @ 25°C	1.00
Volatile Matter, %	50

### Applications

- Alcoholysis or transesterification catalyst for alkyd resin manufacture
- Introduces water to the alcoholysis reaction
- Non-dusting
- Eliminates the formation of precipitates (insoluble soaps)
- Chemical Intermediates

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

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