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## Ricinoleic Acid Product Data Sheet

### **GENERAL INFORMATION**

Ricinoleic Acid (12-hydroxy-9-octadecenoic acid) is obtained by the hydrolysis of Castor Oil. It is a light colored liquid with a ricinoleic content of approximately 90%. Primary uses include, coatings, plastics, inks and cosmetics. It is used in as Emulsifier in Confectionery Industry, Cosmetics, Toilet Soaps.

### **SPECIFIC PROPERTIES**

Composition		85 % Ricinoleic Acid
Appearance		Pale Yellow viscous oily liquid
Color	Gardner	6 max
Acid Number	mgKOH/g	175 min
Iodine Value		80-90
Saponification Value	mg KOH/g	180-190
Hydroxyl Value	mg KOH/g	155 min
Sp gr. 25 Dec C	---	0.938-0.944
Moisture	%	1 max

### **ADVANTAGES AND APPLICATIONS**

- ❖ Lubricants
- ❖ Heavy duty automotive Greases.
- ❖ Fuel Additives.
- ❖ Synthetic ester
- ❖ Paint and coatings.
- ❖ Viscosity modifier Intermediate

### **PACKAGING**

Iso Tank, 200 kg Barrel, 1000 kg IBC Tank