

Castor Oil - First Special Grade

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- Catalog Nr. Q101
- **Definition** Castor Oil, also known as Ricinus Oil is like most other fats, a triglyceride of fatty acid. However, it is a unique fat in that it contains 87-90% ricinoleic acid cis-12hydroxyoctadec-9-enoic acid, a resource of an eighteen carbon hydroxylated fatty acid with one double bond. Castor Oil is recovered from castor beans by use of hydraulic presses in continuous mechanical screw expellers, followed by solvent extraction. This yields castor pomace with about 1-2% residual content. The castor pomace has a protein content of about 3.5% and it is mostly used as a fertilizer
- **CAS Number** 8001-79-4

Properties

Application Plasticizer in lacquers and nitrocellulose, production of dibasic acids, lipsticks, polyurethane coatings, elastomers and adhesives, fatty acids, surface-active agents, hydraulic fluids, pharmaceuticals, industrial lubricants, electrical insulating compounds, manufacture of Turkey Red Oil, source of sebacic acid and of ricinoleates, medicine (laxative).

Data			
	Physical State: Appearance: Odor: Vapor Pressure: Evaporation Boiling Point: Freezing/Melting Point: Solubility: Specific Gravity/Density Molecular Formula: Flash Point:	:	Liquid pale-yellow characteristic odor Negligible. Rate:>1 (ether=1) 313 deg C -10 deg C Insoluble in water 0.959 Mixture. 229 `C C.C
Packaging & Handling	Packed in 200 Kg drums	3.	
	UN Number	Class	Packaging Group

Remarks

Technical

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