



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-12-hydroxyoctadec-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

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).

Technical Data

Properties

Physical State:	Liquid
Appearance:	pale-yellow
Odor:	characteristic odor
Vapor Pressure:	Negligible.
Evaporation	Rate:>1 (ether=1)
Boiling Point:	313 deg C
Freezing/Melting Point:	-10 deg C
Solubility:	Insoluble in water
Specific Gravity/Density:	0.959
Molecular Formula:	Mixture.
Flash Point:	229 `C C.C

Packaging & Handling Packed in 200 Kg drums.

UN Number

Class

Packaging Group

Remarks