



VR Castor Derivatives



Leading Manufacturer,
Wholesaler
Bulk Supplier &
Exporter of Castor Oils
& Castor Derivatives.



About Castor Oil

Castor oil is recovered from castor beans by use of hydraulic presses or continuous mechanical screw expellers, followed by solvent extraction. This yields castor pomace with about 1-2% residual oil content. The castor pomace has a protein content of about 35% and it is mostly used as a fertilizer

A world of Castor Oil

Castor oil serves as an industrial raw material for the manufacture of a number of complex organic derivatives. Some of the reactions possible with castor oil are hydrolysis to produce fatty acids and glycerol; esterification with monohydric alcohols to produce esters; produce alcohols; pyrolysis to produce undecylenic acid and heptaldehyde; amidation to produce amine salts and amides, halogenation to produce fatty acid halogens; oxidation and polymerization to produce polymerized oils; epoxidation to produce epoxidized oils; urethane reactions to produce polyurethanes; hydrogenation to produce hydroxystearates; caustic fusion to produce sebacic acid and capryl alcohol; alkoxylation to produce alkoxyated oils; etc.

What is the Application of Castor Oil?

These reaction products find applications in diverse areas like paints and coatings; emulsifiers, wetting and dispersing agents used in the textile industry for fiber wetting ability and as a dye agent to obtain bright, clear colours; Nylon-6,10, Nylon-11, Nylon-12 used in moldings, extrusions, filaments, bristles, textile fiber applications, automotive applications like fuel pipes and fuel tanks, radiator fans, fuse-box covers, air-spring covers, powder coatings, industrial fabrics such as filter cloth, bags, netting, flexible fishing lines, bearings and rollers in conveyor systems, packaging films, etc.; the hydrogenated product is useful in manufacturing multipurpose greases, waxes, polishes, cosmetics, and paper coatings; undecylenic acid and its derivatives are useful as fungicides and bactericides; the alkoxyated products find use as non-ionic surfactants useful as defoamers and demulsifiers for petroleum emulsions, solubilizers for water-insoluble oils in cosmetic compositions, components in detergents, lubricating and cutting oils, hydraulic fluids, textile finishing compositions and as antistatic agents for nylon carpets and apparel; plasticisers for cellulosic resins poly (vinyl butyral), poly (vinyl chloride), polyamides, natural and synthetic rubber; polyurethane coatings, adhesives, casting compounds, foam packaging, clothing interliners, filters, potting electrical components, thermal insulation and structural supports, reentrable cable splice encapsulant; heptaldehyde for perfumery and flavor compositions; etc.



VR Oils Mills offers Castor Oil of several grades, viz. Commercial, B.S.S., first special, electrical, solvent, extracted, deodorized, cosmetics, pharmaceutical, etc. The first three grade specifications are as given below. The other grades are offered against inquiries.

Our Products

Castor Oil

Castor oil, also known as Ricinus Oil, is a triglyceride of fatty acid like most other fats. However, it is a unique fat in that it contains 87-90% ricinoleic acid, cis-12-hydroxyoctadec-9-enoic acid, a rare source of an eighteen carbon hydroxylated fatty acid with one double bond.

BP-1980, BP-1988, BP-1993, BP-1998, BP-2000, & BP-2002

Castor Oil Commercial Grade.
CASTOR OIL FIRST SPECIAL GRADE
CASTOR OIL NEUTRALISED.

CASTOR OIL B.S.S.
CASTOR OIL USP GRADE
CASTOR OIL PALE PRESSED GRADE

Hydrogenated Castor Oil

It is a wax-like compound obtained by controlled hydrogenation of refined Castor Oil. It is a hard, brittle, high melting point product that is practically odorless and tasteless. It is supplied in the form of flakes. The color of VRCASWAX is cream to white. When melted it is transparent to straw-coloured.

It is supplied in 25 Kgs reinforced paper bags/jumbo bags of 500 Kgs / 1 000 Kgs

12 Hydroxy Stearic Acid

12-HSA is chemically 12-HYDROXY STEARIC ACID. It is a wax-like odorless, tasteless compound. It is supplied as cream-coloured flakes.

12 HSA is supplied in 25 Kg reinforced paper bags/jumbo bags of 500 Kgs / 1 000 Kgs.

Ricinoleic Acid

Castor oil fatty acid (CASFA) it manufactured by careful splitting of selected castor oil it is yellow to Amber coloured viscous oily liquid with characteristic odour. Two grades of CASFA viz CASFA PS and CASFA CS are offered.

Epoxy coated MS/HM-HDPE Drums of 200/220 kg. net or liquid bulk containers.

PEG -40 HYDROGENATED CASTOR OIL

STAND OIL

DECASFA ACIDS

BLOWN CASTOR OIL

METHYL RICINOLEATE

DEHYDRATED CASTOR OIL

METHYL 12 HYDROXY STEARATE

GLYCERINE

For more details kindly visit our website:
www.vrcastor.com



About VR Castor Derivatives

Our reputation preceded the manufacture of Castor Oils amongst a range of other products. We make excruciating efforts to render the best possible services to our esteemed base of clients using completely natural products under controlled environments. Our clients avail the highest quality of products that are processed using precise techniques to suit their pertaining needs better. All our products possess innumerable organic qualities that are unique to our name. Our efforts lie in improving the products under our manufactured name with each passing day and deliver a whole range of essential products to our clients at short notices.

We established our organization within an infrastructure of utilitarian excellence. Our various departments are situated within the organization to facilitate segregated production via various methods. We work alongside a dedicated team of professionals who work day in and out to ascertain a supreme quality in every product of our manufactured range. Our strife towards maintaining complete satisfaction amongst our clients is met with an unyielding ambition to produce continually contenting products which stand up to expectations.

Under the guidance and mentorship of our MD, Mr. Narendra Kumar Sharma, we aim towards achieving a high reputation within the industry as a continuously succeeding entity. We yearn to serve our clients better each day with continuous hard work and perseverance.

Why Us?

We use only organic material to render our produce. Our products leave a soulful aroma while maintaining perfection in their function. We practice absolute adherence to hygiene and cleanliness and make sure our products are absolutely pure of any contamination. Our Services are humbled and cost effective. Our reputation in the industry dates back to two decades and continues to stand strong. We serve satisfied clients throughout the world, which makes us ideal business choices.



VR Castor Derivatives

Near Sawana ceramic Ltd.,
Gajera Road Jambushar
Dist. Bharuch, Guj. India 381910 (India)
+91 84017 82370 info@vrcastor.com
+91 99254 05627 www.vrcastor.com

