



Company eBrochure

About Us:-

ARVALLI CASTOR DERIVATIVES PVT LTD was incorporated in the year 2004, to manufacture and export of Castor Oils and & its derivatives. The company was promoted by well experienced and result oriented young professionals in the business of Castor Oil & its Derivatives for more than 15 years.

Our History:-

A state of the art in-house R & D center and a large modern plant, manned by technicians with vast expertise, continuous up gradation of technology and adapting to the latest innovations in the industry is its hallmark. The above factors are supported by an extensive knowledge of the product and the cumulative experience which is both a discerning user as well as a major toll blender of greases to the multinational lubricant companies in India, to substantiate its claim to being amongst the foremost manufacturers of international quality products. 'Arvalli Castor Derivatives Pvt Ltd' is now an ISO 9001 certified company. Today it can boast of being a major supplier of castor oil derivatives across the globe.

Our Products are:

- **Castor Oil-FSG**
- **Hydrogenated Castor Oil (HCO)**
- **12-Hydroxy Stearic Acid (12HSA)**
- **Castor Oil PP**
- **Ricinoleic Acid**
- **Blown Castor Oil**
- **Dehydrated Castor Oil**
- **Lithium Hydroxide Monohydrate**

➤ **Castor Oil FSG**

Castor Oil FSG is a pale, yellow viscous liquid free from suspended matter and insoluble in water.



Castor Oil FSG

● **Product Specification**

Acid Value	2.0 Max.
Saponification Value	175.0 Min.
Iodine Value	81-90
Hydroxyl Value	55 Min.
Color on Loribond 1"	2.2y / 0.3 R

● **Packing**

Packing in 200 Kg Net/225 Kg Net MS Drums //200 Kg HDPE Bags//ISOTank//Flexitank Containers in Bulk.

● **Application**

Castor oil finds application in a wide variety of uses and is the starting material for most other derivatives of castor oil.

- ✓ As an ingredient in pharmaceutical and cosmetic applications
- ✓ In combinations with styrene & dissociates for a film forming Varnish or a substantially insoluble infusible polymer
- ✓ As lubricant component of coatings for vitamin and mineral Tablets.
- ✓ As an ingredient for petroleum oil-field de-emulsification any many more ..

➤ Hydrogenated Castor Oil (HCO)

We present superior quality hydrogenated castor oil flakes, which are highly used in industries for various industrial purposes. This hydrogenated castor oil chemical is available in different quantities as per the requirement of our customers. We provide our hydrogenated castor oil at affordable prices and thus are known as one of the leading hydrogenated castor oil importers of India.



• Product Specification

Acid Value	2.0 Max.
Saponification Value	175.0 Min.
Iodine Value	3 Max.
Hydroxyl Value	156 Min.
Colour Gardner	1 Max.
Melting Point	85-88° C.

• Packing

- ✓ Packing in 25 KG/50 kg HDPE/Paper Bags/500 Kg Big Bags/1000 Kg Big Bags
- ✓ HDPE Laminated bags.
- ✓ Plastic re-inforced paper bags.
- ✓ Available in Flakes and Powder Form also.

• Application

Hydrogenated Castor Oil finds a number of diversified uses due to its unique combination of physico-chemical properties.

- ✓ In the manufacture of multipurpose Lithium/Calcium grease and high performance aviation grease
- ✓ In the manufacture of soaps & cosmetics
- ✓ As mould release agent in the processing of plastics and rubbers
- ✓ As a component of specialty wax blends like pencils, crayons, lipsticks and anti-deodorant sticks
- ✓ In the manufacture of hot-melt coatings and sealant requiring resistance to water
- ✓ As a coating agent for paper & as anti-foaming agent.
- ✓ In the manufacture of Automotive refinish Acrylics
- ✓ Rheological agent that provides thixotropic in paints, coatings, inks, adhesives, sealants and numerous industrial compositions.
- ✓ Thick film chlorinated rubber, epoxy and vinyl coating
- ✓ Flame Retardant and anti-static agent for fiber
- ✓ Manufacture of Spin finish oil for polyamide fiber
- ✓ In preparation of ointments, emulsified virus vaccines, sustained release capsules, wetting/bodying agent, face paint

➤ 12-Hydroxy Stearic Acid (12HSA)

Our company is well-reputed as one of the trusted 12 Hydroxy Stearic Acid Exporters from India. The 12 Hydroxy Stearic Acid Flake is available in off white flakes that reflect the purity of the chemical. Additionally, customers are eased with the availability of the 12 Hydroxy Stearic Acid Powder in varied grades to meet the specifications of the applications.



● Product Specification

Acid Value	175.0 Min.
Saponification Value	180.0 Min.
Iodine Value	4 Max.
Hydroxyl Value	155 Min.
Colour Gardner	4 Max.
Melting Point	72° C.

● Packing

- ✓ Packing in 25 KG/50 kg HDPE/Paper Bags/500 Kg Big Bags/1000 Kg Big Bags
- ✓ HDPE Laminated PP bags.
- ✓ Plastic re-inforced paper bags.
- ✓ Available in Flakes.

● Application

- ✓ In the manufacture of multipurpose Lithium and Calcium greases
- ✓ In the manufacture of acrylic polymers
- ✓ As an internal lubricant for moldings of plastics
- ✓ Aqueous & non aqueous coatings for automotive, equipment, appliances and architectural applications
- ✓ As a shrink resistant treatment for wool
- ✓ As coating liners for the interior of metal food and beverage containers.
- ✓ Aviator and internal lubricant for natural and synthetic rubbers.
- ✓ As a theology modifier for Inks
- ✓ In the manufacture of speciality chemicals such as esters, ethoxylates, sulfates etc. for plasticizers, textile, cosmetics and metal working operations.

➤ **Castor Oil - PP**

Castor oil PP is Castor oil bleached to British Standard Specification. It is Yellow viscous liquid free from suspended matter and insoluble in water.



• **Product Specification**

Characteristics	Range	Test method
Appearance	Pale Yellow	Visual
Lovibond Color (1" cell)	2.0Y+0.1R Max	AOCS Cc-13b-45 (97)
Acid Value	1.0 Max	AOCS cc 5a-40(97)
Specific Gravity @ 20 c	0.954 to 0.967	BIS
Iodine value	82 to 90	IS548 (part-1) 1964
Hydroxyl Value	160 Min	AOCS cd 13-60(97)
Specification Value	177-185	AOCS cd 3-25(97)
Moisture Volatiles	0.25% Max	AOCSca 2c-25(97)

• **Application**

Pharmaceuticals, Medicines and Cosmetics

➤ **Ricinoleic Acid**

Our company is well-reputed as one of the trusted Ricinoleic Acid Manufacturer and Exporters from India.



• **Product Specification**

Acid Value	175.0 Min.
Saponification Value	180.0 Min.
Iodine Value	80-91
Hydroxyl Value	155 Min.
Colour Gardner	6 Max.

• **Packing**

- ✓ Packing in 200 kg HDPE Drums
- ✓ ISO containers in bulk

• **Application**

To manufacture Greases, Soaps, Resins, Plasticizers, Ethoxylated Derivatives and Rust Proofing Compounds.

➤ **Dehydrated Castor Oil Pale (DCO)**

Dehydrated Castor Oil is light colored semi-drying oil. It is very good oil for making alkyd resins.



Dehydrated Castor Oil Pale (DCO Pale)



• **Product Specification**

Appearance	Viscous Liquid
Lovibond Color Gardner	6 Max.
Acid Value	6 Max.
Specific Gravity @ 20 c	155 Min.
Iodine Value	2.2y / 0.3 R
Hydroxyl Value	128 Min
Iodine Value	25 Min.
Saponification Value	185 to 195
Viscosity @ 30 Deg C B 4 Ford Cup	60
Unsaponification Value	1.0

• **Packing**

Bulk Tankers Mild Steel, ISO Tank, Flexi Tanks, Steel Closed head Drums.

• **Application**

Short Medium and long Oil Alkyd resin, Fatty acid manufacturing, malenised oils.

➤ **Blown Castor Oil**

Blown castor oils are oxidized castor oils typically used as a plasticizer in various applications depending on the degree of oxidation.



Blown Castor Oil



• **BLOWN CASTOR OIL (45 +/- 10 POISE)**

Appearance	Pale golden yellow , Viscous liquid
Acid value (mg KOH/gm.)	20.00 Maximum.
Iodine value (Wijs) (gm. I2/100gm)	65 to 75
Saponification value (mg KOH/gm.)	200 to 220
Hydroxyl Value (mg KOH/gm.)	150 to 158
Color, Gardner	10 G Maximum.
Moisture, (K.F.), (%)	0.25 Maximum.
Viscosity on Brookfield @ 25° C (Poise)	45 ± 10 Poise

• **BLOWN CASTOR OIL (70 +/- 10 POISE)**

Appearance	Pale golden yellow , Viscous liquid
Acid value (mg KOH/gm.)	24.00 Maximum.
Iodine value (Wijs) (gm. I2/100gm)	60 to 70
Saponification value (mg KOH/gm.)	205 to 225
Hydroxyl Value (mg KOH/gm.)	145 to 155
Color, Gardner	10 G Maximum.
Moisture, (K.F.), (%)	0.25 Maximum.
Viscosity on Brookfield @ 25° C (Poise)	70 ± 10 Poise

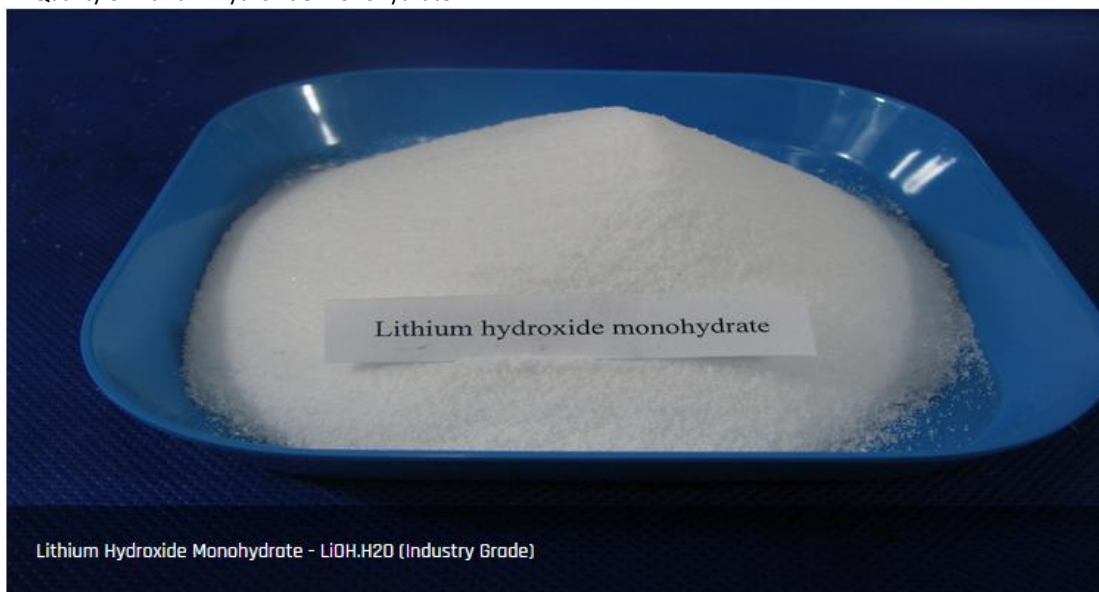
- **BLOWN CASTOR OIL (90 +/- 10 POISE)**

Appearance	Pale golden yellow Viscous liquid
Acid value (mg KOH/gm.)	27.00 Maximum.
Iodine value (Wijs) (gm. I ₂ /100gm)	60 to 70
Saponification value (mg KOH/gm.)	215 to 235
Hydroxyl Value (mg KOH/gm.)	140 to 155
Color, Gardner	10 G Maximum.
Moisture, (K.F.), (%)	0.25 Maximum.
Viscosity on Brookfield @ 25° C (Poise)	90 ± 10 Poise

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➤ **Lithium Hydroxide Monohydrate - LiOH.H2O**

ARVALLI CASTOR DERIVATIVES PVT LTD is an Importer of Chemicals like Lithium Hydroxide Monohydrate from CHINA As well As USA. Lithium Hydroxide Monohydrate is use to manufacturing Of Lithium Soap like Lithium 12- Hydroxy Stearate and Lithium Base Grasses. We Have a Ready Stock Material round the year. We are Supplying Superior Quality of Lithium Hydroxide Monohydrate.



● **Product Specification**

Specification Properties	Unit	Standard Quality
LiOH	%min	56.5
Fe2O3	%max	0.003
SO4	%max	0.030
Cl	%max	0.005
CaO	%max	0.035
CO2	%max	0.500
K+Na	%max	0.200
Insoluble in HCL	%max	0.010
Insoluble in H2O	%max	0.030

● **Packing**

Packing in a plastic bag lined with two layers of polyethylene bags, 25kg/bag.

Contact Us:-

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