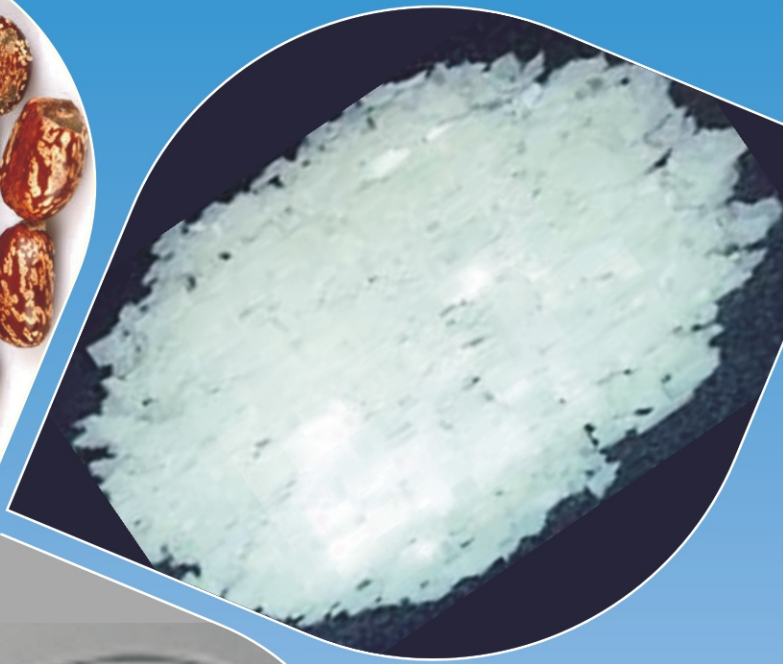


Jaksh Castor Products Pvt Ltd

(An ISO 9001:2015, Kosher And Halal Certified Company)



Jaksh Castor Products Pvt Limited is a fast growing emerging global castor oil product manufacturing company with leadership in the castor-based specialty chemicals industry.

Jaksh Castor has developed a range of products for a variety of applications. We are a leading producer & exporter of castor oil derivatives for Lubricants, Plastics, Polyurethane, Paints, Cosmetics, Pharmaceuticals and many more specialty applications.

Products We Serve:

1) Castor Oil FSG

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 & diisocyanates 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
- ◆ In manufacture of polyurethane casting resins
- ◆ In hydraulic fluids for automobiles, trucks and machinery

Specification:

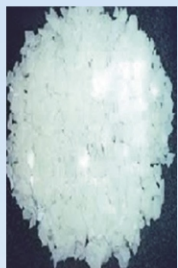
Characteristics	Range	Test method
Appearance	Pale yellow	Visual
Lovibond color(1" cell)	2.2Y+0.3R max	AOCS Cc-13b-45 (97)
Acid value	3.0 max.	AOCS cc 5a-40(97)
Specific gravity@ 20 c	0.954 to 0.967	BIS
Iodine value	82 to90	IS548 (part-1) 1964
Hydroxyl value	160min	AOCS cd 13-60(97)
Saponification value	177-185	AOCS cd 3-25(97)
Moisture volatiles MIV	0.10% max	AOCSca 2c-25(97)

Packing:

- (1) M.S. or HDPE Drum (2) Flexi Bag (3) ISO Tank

2) Hydrogenated CastorOil-Flakes

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
- ◆ Thick film chlorinated rubber, epoxy and vinyl coating
- ◆ Rheological agent that provides thixotropy in paints, coatings, inks, adhesives, sealants and numerous industrial composition.
- ◆ Manufacture of Spin finish oil for polyamide fiber
- ◆ In preparation of ointments, emulsified virus vaccines, sustained release capsules, wetting/bodying agent, facepaint
- ◆ In the manufacture of speciality chemicals for applications such as metal working, plasticizers and textile auxiliaries in the form of derivatives such as esters, ethoxylates, sulfates etc.

Specification:

Characteristics	Range	Test method
Appearance	White flakes	Visual
Gardner color	1-3G	AOCS td1a-64 (97)
Acid value	5 Max.	AOCS ca 5a-40(97)
Melting point	82 86 Deg C	AOCS cc 3b-92(93)
Iodine value	5 Max.	AOCS cd 1-25(97)
Hydroxyl value	155-165	AOCS cd 13-60(97)
Saponification value	175-185	AOCS cd 3-25(97)
Moisture volatiles	0.02-0.10%	AOCSca 2c-25(97)

- Packing:** (1) 25 kg Paper or HDPE bags (2) 50 kg or 500 kg HDPE bags



3) 12-Hydroxy Stearic Acid-Flakes

12-Hydroxy Stearic Acid finds applications in a wide variety of uses.



- ◆ In the manufacture of multipurpose Lithium and Calcium greases
- ◆ In the manufacture of acrylic polymers
- ◆ As an internal lubricant for moulding of plastics
- ◆ Aqueous & non aqueous coatings for automotive, equipment and architectural applications
- ◆ As a shrink resistant treatment for wool
- ◆ As coating liners for the interior of metal food and beverage
- ◆ 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

Specification:

Characteristics	Range	Test method
Appearance	White Creamish Flakes	Visual
Gardner color	3-5G	AOCS td1a-64 (97)
Acid value	178-187	AOCS ca 5a-40(97)
Melting point	75- 77 C	AOCS cc 3b-92(93)
Iodine value	4 max	AOCS cd 1-25(97)
Hydroxyl value	155-165	AOCS cd 13-60(97)
Saponification value	178-185	AOCS cd 3-25(97)
Moisture volatiles	1.00% Max	AOCSca 2c-25(97)
12 HSA	>86%	GLC Analysis
12 KSA	<2%	GLC Analysis

Packing: (1) 25 kg Paper or HDPE bags (2) 50 kg or 500 kg HDPE bags

4) Castor Oil PP

Castor Oil PP finds applications in a wide variety of uses



- ◆ In Manufacturing of several pharmaceutical products.
- ◆ It also find an application in medicine and cosmetic industries

Specification:

Characteristics	Range	Test method
Appearance	Pale yellow	Visual
Lovibond color(1" cell)	2.2+0.2R max	AOCS Cc-13b-45 (97)
Acid value	2.0 max.	AOCS cc 5a-40(97)
Specific gravity@ 20 c	0.954 to 0.967	BIS
Iodine value	82 to90	IS548 (part-1) 1964
Hydroxyl value	160min	AOCS cd 13-60(97)
Saponification value	177-185	AOCS cd 3-25(97)
Moisture volatiles MIV	0.10% max	AOCSca 2c-25(97)

Packing: (1) M.S. or HDPE Drum (2) Flexi Bag (3) ISO Tank

5) Recinoleic Acid



- ◆ Recinoleic Acid used in the manufacturing of Greases
- ◆ It also used in the manufacturing of Soaps, Resins, Plasticizers.
- ◆ Recinoleic Acid also find an application in Ethoxylated and Rust Proofing Compounds.

Specification:

Characteristics	Range	Test method
Appearance	Pale yellow	Visual
Lovibond color	6 G	AOCS Cc-13b-45 (97)
Acid value	175 min.	AOCS cc 5a-40(97)
Specific gravity@ 20 c	0.954 to 0.967	BIS
Iodine value	81 to90	IS548 (part-1) 1964
Hydroxyl value	158min	AOCS cd 13-60(97)
Saponification value	180-185	AOCS cd 3-25(97)
Moisture volatiles	0.10% max	AOCSca 2c-25(97)

Packing: (1) M.S. or HDPE Drum (2) Flexi Bag (3) ISO Tank

6) Lithium Hydroxide Monohydrate

Jaksh Castor Products Pvt. Ltd. is importer of Lithium Hydroxide Monohydrate from China as well as USA.

Lithium Hydroxide Monohydrate finds application in various industries



- ♦ Lithium Hydroxide Monohydrate is used in the manufacturing of Lithium Soap like Lithium 12-Hydroxy Stearate and Lithium Base Greases
- ♦ Lithium hydroxide is used in breathing gas purification systems for spacecraft, submarines, and rebreathers to remove carbon dioxide from exhaled gas by producing lithium carbonate and water
- ♦ It is used in the manufacture of cathode material for Li-ion batteries
- ♦ It is also used in the manufacture of glass as well as certain ceramic products

Specification:

Characteristics	Range	Test method
LiOH	56.5	% Minimum
Fe ₂ O ₃	0.003	% Maximum
SO ₄	0.050	% Maximum
Cl	0.003	% Maximum
CaO	0.03	% Maximum
CO ₂	0.35	% Maximum
NaOH	0.05	% Maximum
Insoluble HCL	0.005	% Maximum

Packing: 20 or 25 Kg HDPE bags

Contact Us:

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