



**SAI KRUPA**  
AGRO INDUSTRIES



# Producers & Exporters of Premium Castor Oil and Derivatives

Refined Castor Oil | Commercial Castor Oil | Castor Oil Cake | Castor Oil Cake Powder

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## COMPANY OVERVIEW

**Sai Krupa Agro Industries** is a trusted producer and exporter of **premium-quality castor oil and its derivatives**. With deep roots in agriculture and decades of experience, we deliver products that meet **international quality standards**.

Founded in **2009** (with origins in **Shivam Cotton Industries**, established in 1998), we have grown from cotton processing to a leading name in **castor oil production and export**. Our **modern expeller plants, farmer partnerships, and strict quality control** ensure every drop of oil reflects **purity and consistency**.

Today, Sai Krupa Agro Industries proudly serves **domestic and global markets**, building long-term partnerships based on **trust, quality, and sustainability**.



**15+ YEARS OF EXPERIENCE**  
Since 2009 in the industry



**PRODUCTION CAPACITY**  
110 tons castor oil daily



**CERTIFIED & LICENSED**  
Licensed & quality standards



### Vision

At Sai Krupa Agro Industries, our vision is to become a globally recognized leader in castor oil production and export, setting benchmarks for quality, innovation, and sustainability. We aim to strengthen our global presence while fostering responsible growth that supports both our customers and the farming communities we work with.



### Mission

Our mission is to deliver pure, high-quality castor oil products that meet international standards. Through sustainable sourcing, partnerships with local farmers, and innovation with advanced technology, we strive to build long-term relationships founded on trust, transparency, and customer satisfaction.



## PRODUCTS



Refined Castor Oil (RCO) - FSG / BSS



Comercial Castor Oil (CCO)



Castor Oil Cake



Castor Oil Cake Powder

## REFINED CASTOR OIL (RCO) - FSG / BSS



Refined Castor Oil (RCO) – FSG/BSS Grade is a high-purity castor oil produced by refining Commercial Grade Castor Oil (CCO), which is extracted by expeller-pressing steam-cooked castor seeds. The refining process involves bleaching and filtration, effectively reducing color, Free Fatty Acids (F.F.A.), and moisture content. This results in a light-colored, low-acidity, high-quality castor oil suitable for a wide range of industrial and pharmaceutical applications.

Refined Castor Oil (FSG/BSS) is a vital raw material used in the manufacturing of castor oil derivatives and other value-added products across multiple sectors.

SR NO.	SPECIFICATION / CHARACTERISTICS	PARAMETERS
1	APPEARANCE	VISCOUS TRANSPARENT
2	COLOUR	YELLOW
3	COLOUR ON 5/4" LOVIBOND CELL	MAX 20Y + 2R
4	FREE FATTY ACID	1% MAX
5	ACID VALUE	2% MG. KOH/GR. MAX
6	REFRACTIVE INDEX	1.477 - 1.481
7	RELATIVE DENSITY @20 DC	0.954 - 0.960
8	UNSATONIFICATION VALUE	177 - 185
9	UNSATONIFIABLE MATTER	1%
10	HYDROXYL NUMBER	160 - 168
11	IODINE NUMBER	82 - 90
12	RICINOLEIC ACID	85% MIN
13	MOISTURE	0.25% MAX

## COMMERCIAL CASTOR OIL (CCO)



Commercial Grade Castor Oil, also known as Industrial Grade Castor Oil, is one of the most widely used and versatile forms of castor oil. It appears as a pale yellow, viscous liquid that is insoluble in water and contains over 87% Ricinoleic Acid, a unique hydroxy fatty acid known for its industrial utility.

This grade is obtained through a combination of first pressing (expeller process) and solvent extraction from castor seeds. CCO serves as a foundation for refining other grades of castor oil such as Refined Castor Oil (FSG, DCO), Pale Pressed Grade, and Turkey Red Oil.

SR NO.	SPECIFICATION / CHARACTERISTICS	PARAMETERS
1	MOISTURE AND VOLATILE MATTER	0.50 MAX
2	COLOUR	40 UNITS MAX
3	FFA	2 PCT MAX
4	UNSAPONIFIABLE MATTER	1 PCT MAX
5	IODINE VALUE	82 - 90
6	ACID VALUE	4.00% MAX
7	HYDROXYL VALUE	160 - 168
8	SAPONIFICATION VALUE	177 - 187
9	ACETYL VALUE	140 MIN
10	R. DENSITY	0.958 - 0.969
11	R. ACID	85% MIN
12	R. INDEX	1.477 - 1.481

## CASTOR OIL CAKE



Castor Oil Cake is a valuable by-product obtained by crushing castor seeds in an expeller under controlled temperature with the help of steam. Rich in nitrogen and essential nutrients, this organic residue serves as an excellent natural fertilizer, widely used in sustainable and organic farming practices.

In addition to its agricultural use, Castor Oil Cake also retains some residual oil, which can be further extracted in solvent extraction plants, making it a dual-purpose raw material.

SR NO.	SPECIFICATION / CHARACTERISTICS	PARAMETERS
1	Organic matter	75-80%
2	Nitrogen	4.0% MIN
3	Phosphorous	1% MIN
4	Potassium	1.0% MIN
5	Calcium, Magnesium, Sulphur, Iron, Zinc, Manganese, Copper	Micro nutrient

## CASTOR OIL CAKE POWDER



Castor Oil Cake Powder is a nutrient-rich organic fertilizer obtained by grinding castor oil cake—produced through the controlled expeller pressing of castor seeds with the aid of steam. This by-product is prized for its high nitrogen content and is widely recognized as an eco-friendly alternative to chemical fertilizers.

As a natural manure, Castor Oil Cake Powder improves soil health, boosts crop yield, and enhances the overall quality of agricultural produce. It also provides protection against soil-borne pests like nematodes and termites, making it a comprehensive soil enhancer.

SR NO.	SPECIFICATION / CHARACTERISTICS	PARAMETERS
1	Organic matter	75-80%
2	Nitrogen	4.0% MIN
3	HYDROXYL VALUE	180 MAX
4	Phosphorous	1% MIN
5	Potassium	1.0% MIN
6	Calcium, Magnesium, Sulphur, Iron, Zinc, Manganese, Copper	Micro nutrient

## OUR & INFRASTRUCTURE

At Sai Krupa Agro Industries, we have built a state-of-the-art infrastructure to ensure the production of premium-quality castor oil and derivatives. Our facilities combine modern technology, advanced machinery, and efficient processes to deliver consistent quality and high production capacity.

- **Advanced Expeller Plants :** Efficient oil extraction with high purity.
- **Filtration Units :** Refined, contaminant-free oil for all markets.
- **Quality Labs :** Testing and certification to international standards.
- **Storage & Packaging :** Hygienic, secure, and timely delivery.
- **Production Capacity :** 110 tons of castor oil daily.





**SAI KRUPA**  
AGRO INDUSTRIES

## CONNECT US



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