



## CASTOR OIL (PALE PRESSED GRADE)



## INTRODUCTION

Incorporated in the year 2011 as a partnership company, Sun Agri Export Co. was setup with an aim to grow manifolds in the industry. Under the expert guidance of the Mr. Suraj Patel, the proficient Owner Partner of the enterprise, the company has seen immense development over the period. Based in Ahmedabad (Gujarat), the company is renowned as the chief Manufacturer, Exporter, and Supplier of Castor Seed Oil and Guar Gum Powder, Guar Korma Meal, Soya Bean Meal, Soya Bean Oil, Castor DOC Cake, Cotton Bales, Cotton Seed Oil, in India.

Sun Agri Export Co. is the part of the diversified Pragati Group, operating in the state of Gujarat. The group has interests in the manufacturing of Submersible Pump, Dies & Plastic Moulds, in Service Industry, Cold Storage chain, Ginning & Pressing of Cotton, and Agricultural Commodities. Adopting an understated style of working and business growth, the group has assiduously grown its assets and interests in various geographies.

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## PRODUCT DESCRIPTION



Castor oil is a vegetable oil obtained from the castor bean or castor seed. It is obtained by pressing the seeds of the castor plant. Castor oil is a colorless to very pale yellow liquid with mild or no odor or taste. Its boiling point is 313 °C (595 °F) and its density is 961 kg/m<sup>3</sup>. It is a triglyceride in which approximately 90 percent of fatty acid chains are ricinoleate. Oleate and linoleates are the other significant components.

We at SUN AGRI EXPORT CO. provide variety of castor products including Commercial Castor Oil, Refined Castor Oil (FSG), Castor Oil PPG, Castor Oil BP and Castor Oil USP. We are leading Supplier and Exporter of Castor Oils and its products.





Applications : Castor oil PPG 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 and 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
- ❖ As capacitor impregnate
- ❖ As a sonar transducer fluid
- ❖ As a dielectric material for electrical condensers
- ❖ In manufacture of polyurethane casting resins
- ❖ In hydraulic fluids for automobiles, trucks and machinery
- ❖ As a starting material for most other derivatives of Castor Oil



## PRODUCT SPECIFICATION

GRADES	PALE PRESSED CASTOR OIL
PARAMETERS	RESULTS
1) PHYSICAL APPEARANCE	CLEAR & FREE OF SUSPENDED MATTER
2) REFRACTIVE INDEX @ 25°C	1.477 MIN - 1.481 MAX
3) MOISTURE & IMPURITIES	0.25% MIN - 0.50% MAX
4) ACID VALUE	1.00% MIN - 1.40% MAX
5) HYDROXYL VALUE	160 - 168mgKOH/g
6) IODINE VALUE	82 - 90
7) FREE FATTY ACID AS OLEIC ACID	0.70 % MAX
8) COLOUR IN 5 1/4 LOVIBOND	Y 10.00, R 1.0 MAX

