

Foreverest Resources Ltd

Castor Oil

Castor oil is a composite triglycerides molecules , which extracted from seeds of ricinus communis. It appears light yellow or colorless color, has tasteless character, contents ricinoleic acid (80~85%), oleic acid (7%) and linoleic acid (3%).

Substance Identification

Synonyms	Ricinus Oil
CAS	N/A
EINECS	232-293-8
FEMA	N/A

HS.CODE	N/A
Molecular Formula	N/A
Molecular Weight	933.4396

Application & Uses

- Emulsifier
- Dyeing auxiliaries
- Lubricants
- Natural cathartic
- Plasticized
- Protective coatings for vitamin and mineral tablets (Approved by FDA 172.876)
- Raw materials of coatings, paints, inks and soaps
- Release agent and antisticking agent for hard candy production (Approved by FDA 172.876)

Features & Benefits

- Excellent antioxidant
- Freely soluble in ethanol
- High viscosity (keep working on -22 °C and keep clear on -50°C)
- Permittivity is 4.30 (the highest on fats)
- Strong light resistance
- The relative density and acetyl value is higher than fats

Sales Specification

ITEM	VALUE
Odor	Woody, castor
Color (L)	Y16 R1.6 max
Color (T)	3# max
Acid Value, mgKOH/g	1.6 max
Free Fatty Acid, %	0.8 max
Moisture & Volatile, %	0.165 max
Iodine Value, g/100g	80 to 88
Saponification Value, mgKOH/g	176 to 184
Unsaponification Matter, %	0.7
Viscosity, U-V, @25°C	6.27 to 8.84
Peroxide Value, mg/kg	5.0
Refractive Index, @ n20/D	1.478 to 1.479
Relative Density, @ d25/25	0.955 to 0.965
Solubility, in Alcohol, @20°C	Transparent
Insoluble Impurities, %	0.02 max

Package

- Iron Drum, 190kg net each

GHS Hazard Statements

H-Code	no data available
P-Code	no data available
Response	no data available
Storage	no data available
Disposal	no data available
S-phrases: S24/25	

Storage

- containers which are opened must be carefully resealed and kept upright to prevent leakage
- keep container tightly closed in a dry and well-ventilated place
- store in cool place

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.

Manage consent