

TECHNICAL DATA SHEET

Sr. No. : UL1012221-V-04
Issue Date: 13/05/2023

QUALITY CONTROL : We declare that certificate of analysis of this material is inspected according to quality parameters as below :

Item Code	UL1012221
Item Name	CASTOR OIL



Test Parameters	Specifications
CAS #	8001-79-4
EINECS #	232-293-8
FEMA#	2263
Botanical Name	Ricinus communis
Description	Colorless to Yellow liquid with characteristic odor.
Origin	Oil obtained from seeds of ricinus communis.
Appearance	Colorless to Yellow
Physical Status	Liquid
Flash Point (Closed cup) °C	93°C
Refractive Index	1.475 - 1.485 @20°C
Relative Density	0.951 - 0.965 @20°C
Optical Rotation	+3.5° to +6°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Assay by GC	Ricinoleic acid: 75-92% Oleic acid: 2.5-6% Stearic acid: Max. 2.5% Linoleic acid: 2.5-9%
Shelf Life	12 months with proper storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases & all oxidizing agents.
Uses	Fragrance and Flavour application.

PACKING & STORAGE	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
HANDLING PRECAUTION	Handle in adequate ventilation, Avoid skin and eye contact, use goggles or face shield and wear protective clothing.

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