



CASTOR OIL

PRODUCT CODE	R09144
SYNONYMS	Oil of castor
C.I. NO.	N/A
CASR NO.	8001-79-4
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--
PARAMETER	LIMIT
Description	Pale yellowish or almost colourless, transparent, viscid liquid; odour, slight and characteristic.
Solubility	Miscible with chloroform.
Refractive index (n) _D ²⁰	1.4758 - 1.4798
Wt. per ml at 20°C	0.945 - 0.965 g
Optical Rotation	+3.5° to +6.0°
Hydroxyl Value	Min. 150
Iodine Value	82 – 90
Acetyl Value	Min. 143
Saponification Value	176 – 187
Viscosity (at 20°C)	950 - 1050 mPas
MAXIMUM LIMIT OF IMPURITIES	
Light Absorption at about 269 nm (1% w/v solution in ethanol 95%)	1.0
Acid Value	2.0
Peroxide value	5.0
Unsaponifiable	1.0%
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal:-----	IMDG Code :-- UN No. :-- IATA :--
Hazard Pictogram(s) :-----	
GHS05 GHS07	

Replace Date 1 April 2023

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