



Product Specification

cdhfinechemical.com

CASTOR OIL

PRODUCT CODE	348385
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) ²⁰ _D	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
MAXIMUM LIMIT OF IMPURITIES	
Light Absorption at about 269 nm (1% w/v solution in ethanol 95%)	NMT 1.5
Acid Value	2.0
Peroxide value	5.0
Note(s) : Assay (if applicable) method mentioned.	
WARNING	IMDG Code : -- UN No. : -- IATA : --
Hazard statements: Not hazardous. No hazards.	
Precautionary statements	
Prevention: ----- Response: -----	
Disposal:-----	
Hazard Pictogram(s) :-----	

Replace Date 08-Oct-2025