



Product Specification

cdhfinechemical.com

CASTOR OIL (REFINED GRADE) MEETS TO IP TESTING SPECIFICATIONS

PRODUCT CODE	P08625
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 270 nm (1% w/v solution in ethanol 95%)	1.5
Acid Value	2.0
Peroxide value	5.0
Foreign fatty substances	A. A mixture of 2 ml of the substance under examination and 8 ml of ethanol (95 per cent) is clear
-	B. The lower layer is not less than 16.0 ml
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal: ----- Hazard Pictogram(s) : -----	IMDG Code : -- UN No. : -- IATA : --