



Product Specification

cdhfinechemical.com

CWEEN 80

(MEETS ANALYTICAL SPECIFICATION OF IP,BP,USP PH.EUR)

PRODUCT CODE	056300
SYNONYMS	Polyoxyethylene sorbitan monooleate
C.I. NO.	N/A
CASR NO.	---
ATOMIC OR MOLECULAR FORMULA	(9005-65-6)
ATOMIC OR MOLECULAR WEIGHT	---
PROPERTIES	---
PARAMETER	LIMIT
Description	A clear pale yellow to brownish yellow viscous liquid.
Solubility	5% solution in water is clear & pale yellow in colour.
pH (5% Solution)	6.0 – 8.0
Wt. per ml at 20°C	1.06 - 1.09 g
Refractive index (n) _D ²⁰	1.471 - 1.473
Saponification value	45 - 55
Viscosity value at 25°C	400 - 500 cS
Hydroxyl value	65 – 80
Iodine value	18 – 24
MAXIMUM LIMIT OF IMPURITIES	
Acid value	2.0
Water	3.0%
Reducing impurities	Passes test.
Heavy metals (as Pb)	0.001%
Sulphated ash	0.2%
Arsenic (As)	0.001%
Peroxide value	10
Ethylene oxide	0.0001%
Dioxan	0.001%
Organic volatile impurities	meets the requirement.

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 2-June-2023