



Product Specification

cdhfinechemical.com

CWEEN 80

(POLYOXYETHYLENE (20) SORBITAN MONOOLEATE) CONFIRMING TO BP, USP

PRODUCT CODE	H10863
SYNONYMS	Polyoxyethene sorbiton monooleate
C.I. NO.	--
CASR NO.	(9005-65-6)
ATOMIC OR MOLECULAR FORMULA	--
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) ²⁰ _D	1.471-1.473
Saponification value	45-55
Viscosity value at 25°C	300-500 cS
Hydroxyl value	65-80
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 : --
Hazard statements: Not hazardous. No hazards.	UN No. : --
Precautionary statements	IATA : --
Prevention: -----	
Response: -----	
Disposal:-----	
Hazard Pictogram(s) :-----	

Replace Date 03-Dec-2025