





AWEEN 80 (MEETS ANALYTICAL SPECIFICATION OF IP,BP,USP PH.EUR)

PRODUCT CODE	R05572	
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 : --
Hazard statements: Not hazardous. No hazards.		UN No. : --
Precautionary statements		IATA : --
Prevention: -----		
Response: -----		
Disposal: -----		
Hazard Pictogram(s) :-----		
 		
<small>GHS05 GHS07</small>		

Replace Date 1 April 2023

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