

Technical data sheet

Product name: **Polysorbate 80**

Grade: **Extra pure**

Chemical formula: $C_{64}H_{124}O_{26}$

Molar mass: 1310.0 g/mol

Synonyms: Tween 80

General information	
Cas- No.	9005-65-6
Ec-No.	500-019-9
Appearance	Clear Yellowish Liquid
Boiling point	> 100°C (1013 hPa)
Melting point	N/A
Flash point	> 113 °C
Spec.density	1.06 g/cm ³ (20°C)
Vapour pressure	< 1.33 hPa (20 °C)
Solub. In H ₂ O	Soluble
Storage temp	+15°C to +25°C
R:	N/A
S:	N/A

Specification	
Identification(IR)	Conforms
Appearance of solution	Conforms
Acid value	≤ 4 mg KOH / g
Hydroxyl value	65 – 80 mg KOH / g
Saponification value	45 – 55 mg KOH / g
Moisture content	≤ 3 %
Residue on ignition	≤ 0.25 %
pH of 5% Solution	5 – 7

Symbol:

packaging:

Available Pack	1 lit	2/5 lit	5 lit	10 lit	20 lit
GLASS	-	-	-	-	-
P.E	*	*	-	-	-