

Product name:

Polysorbate 80

Grade

Laboratory

Cas-N: 9005-65-6

Synonyms: Tween 80

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

General information

Ec-No	500-019-9	Molar mass	1310.0 g/mol
Appearance	Clear Yellowish Liquid	Vapor pressure	< 1.33 hPa (20 °C)
Boiling point	> 100°C (1013 hPa)	Solub. in water	Soluble
Flash point	> 113 °C	Ignition temperature	180 °C
Spec.density	1.06 g/cm ³ (25 °C)	R	-
Storage temp	+15°C to +25 °C	S	-

Specification

Appearance of solution	conforms
Identification (IR)	conforms
Description & appearance	conforms
Acid value	≤ 4 mg KOH / g
Hydroxyl value	65 – 80 mg KOH / g
Saponification value	45 – 55 mg KOH / g
Residue on ignition	≤ 0.25%
pH value	7 (H ₂ O)

Hazard Symbol

Available Pack	1 L	2.5 L	5 L	10 L	20 L
Glass					
P.E	*	*	*	*	*

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