



9001:2015

Certificate No. : 305021030106Q

Rishit Polysurf LLP.

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(Formerly Rishit Polysurf Pvt. Ltd.)

Mfg. Of Specialty Chemicals

TECHNICAL DATA SHEET

POLYSORBATE 80

Generic Name - Polyoxyethylene sorbitan monooleate

Product Name - Polysorbate 80

Chemical Name - Tween 80

Molecular Formula - $C_{64}H_{124}O_{26}$

Molecular Weight - 1310 g/mol

CAS Number - 9005-65-6

Uses - Polysorbate 80 is a nonionic surfactant & emulsifier derived from ethoxylation of sorbitan monooleate. Polysorbate 80 is used as a solubilizer, emulsifier & suspension stabilizer for pharmaceutical applications.

Typical Physical Properties: Polysorbate 80

Appearance	A clear or almost clear, oily yellowish or brownish yellow liquid with faint and characteristic odor
Density	About 1.10 gm/ml
Viscosity	About 400 mPa.s at 25 ⁰ c
Water	NMT 3.0 %
Ethylene Oxide	NMT 1 ppm
Dioxan	NMT 10 ppm
Acid value	NMT 2.0
Saponification value	45 - 55
Hydroxyl value	65-80

Storage – Store at ambient temperature, protect from light and moisture.