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Certificate No. : 305021030106Q

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(Formerly Rishit Polysurf Pvt. Ltd.)

Mfg. Of Specialty Chemicals

TECHNICAL DATA SHEET

POLYSORBATE 20

Generic Name - Polyoxyethylene sorbitan monolaurate

Product Name - Polysorbate 20

Chemical Name - Tween 20

CAS Number - 9005-64-5

Uses - Polysorbate 20 is a nonionic surfactant & emulsifier derived from ethoxylation of sorbitan monolaurate.

Typical Physical Properties: Polysorbate 20

Test Parameters	Specification
Appearance	A clear or almost clear, oily yellowish or brownish yellow liquid with faint and characteristic odor
Solubility	Miscible in water, ethanol.
Acid Value	NMT 2.0
Hydroxyl value	96 to 108
pH 5% solution	5.0 - 7.0
Saponification value	40 to 50
Iodine value	NMT 5.0
Heavy Metals	NMT 10 ppm
Reducing Impurities	NMT 2.0ml of 0.01M ceric ammonium sulphate is required
Moisture content	NMT 3%
Sulphated ash	NMT 0.2%
1,4- Dioxane, ppm	NMT 10 ppm
Ethylene oxide, ppm	NMT 1ppm

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