

Polysorbate 80

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CAS No. 9005-65-6 Chemical Group Sorbitan Ester / Polysorbate

Product Description

POLYSORBATE 80 is used as an emulsifier & dispersing agent for pigments and for the preparations for cosmetics & pharmaceuticals. It's considered non-hazardous and it has no odor. It is soluble in isopropanol, xylene, cotton seed oil, tetracarp, mineral oil / paraffin (NOT soluble in water). It is highly effective when used in combination with additive Sorbitan 20.

Field of Applications

Wetting / Dispersing agent, Lubricant, Emulsifier, Pharmaceutical, Cosmetics, Textile additives, Anti-fogging agent in LDPE/LLDPE and PVC food wrap films.

Features / Benefits

- Improved wetting and dispersion
- Improved transparency and presentation of packing

Physical Data

Density (g/cm ³)	0.98
Form of supply	Viscous Oily Liquid
Moisture (%)	≤1.5
Colour, Gardner scale (Gardner)	≤7
Active content (%)	100
Odour	No odor
Acid value (mg KOH/g)	≤7
Saponification value (mg KOH/g)	143~153
HLB value	4.3
Water solubility	Not soluble in water

Packaging, Shipping & Storage

Polysorbate 80 is supplied as viscous oily liquid. The product is packed in 200 kg metal drum and shipped on pallets of 1000 kg. Store under normal temperatures, dry and protected from weather. Shelf life: 5 years from manufacturing date.

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.