

TECHNICAL DATA SHEET

Polysorbate 80 (Tween 80) | CAS 9005-65-6

1. Product Identification

Product Name	Polysorbate 80 (Tween 80)
CAS Number	9005-65-6
Synonyms	Tween 80, E433, Polyoxyethylene(20) sorbitan monooleate
Category	Polymer
Available Grades	Technical/Pharmaceutical Grade/Food Grade
HSN Code	3402.13

2. Physical & Chemical Properties

Molecular Formula	C ₂₄ H ₄₄ O ₆
Molecular Weight	≈1310
Appearance	Refer to TDS
Density	1064 kg/m ³
Boiling Point	N/A
Melting Point	N/A
Flash Point	N/A
Solubility	N/A

3. Applications

• Pharmaceutical O/W emulsifier • Food emulsifier (E433) • Vaccine adjuvant • Cosmetics solubiliser • Drug delivery solubiliser

4. Industries Served

Pharma, Food, Cosmetics, Biotech

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.