



M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : TWEEN 80 POWDER ( FOOD GRADE)
MSDS no. BPPL -144 (Available on Request)	SPECIFICATION NO. FP- 144 (Enclosed)

1. **NOMENCLATURE** : Tween 80 Powder  
: Polysorbate 80
2. **CAS NO.** : 9005-65-6
3. **HSN CODE** : 34021900
4. **EMPIRICAL FORMULA** :  $C_{64}H_{124}O_{26}$
5. **MOL. WT.** : 1309.67
6. **DESCRIPTION** : Light Beige, Homogeneous Powder,  
Free Flowing
7. **APPLICATION** : It is recommended in Ice Cream & Milk Ice  
at dosage of 0.1-0.25% based on total  
product .



- : It provides excellent overrun & Creamy  
Mouthfeel, Max. dryness & Melt down  
resistance in Ice Cream.
- : It gives excellent Fresh Texture in Milk Ice.



सत्यमेव जयते



MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम

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M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT PHARMACOPOEIAL SPECIFICATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : TWEEN 80 POWDER (FOOD GRADE)
MSDS no. BPPL -144 (Available on Request)	SPECIFICATION NO. FP- 144

1. **DESCRIPTION** : White Powder  
: Light beige, homogeneous, free flowing
2. **SOLUBILITY** : Soluble in water
3. **TOTAL MONOGLYCERIDE** : Min. 45 %
4. **FREE GLYCEROL** : Max 1.5 %
5. **SAPONIFICATION VALUE** : 145 to 165 mg KOH/gm
6. **ACID VALUE** : Max. 2 KOH mg/gms
7. **HEAVY METALS  
(AS LEAD )** : Max. 2 ppm
8. **ARSENIC** : Max. 3 ppm
9. **MICROBIAL LIMIT TEST**
  - Total Plate Count : Max. 5000 CFU/gm.
  - Yeast & Mould : Max. 100 CFU/gm.
  - Coliform Group : Max. 3 MPN/gm.
  - Salmonella : Absent in 25 gm.
10. **PACKING** : Polyethylene Lined 25 kg paper bags  
: 25 kg., Cardboard Cartons with PE Liner inside  
: 25 kg., Hardboard Fibre Drums with PE Liner inside

