

## **ESTOBATE 80**

( POLYSORBATE 80 )

### **Chemical Name**

POE 20 SORBITAN MONOOLEATE  
(SORBITAN MONO OLEATE ETHOXYLATE)

### **Cas Number**

9005-65-6

### **EEC NO**

E 433

### **Origin**

Vegetable and Kosher

### **Physical Properties**

Acid Value mgKOH/gm	2.0 Max
Color, Gardner	7.0 Max
Saponification Value mgKOH/gm	45.0 – 55.0
Hydroxyl Value mgKOH/gm	65.0 – 80.0
Water %	0.0 – 3.0
Iodine Value	18.0 – 24.0

### **Typical Properties**

Appearance at 25 deg cel	Clear Amber to Yellow Viscous oily liquid.
HLB Value	15
Peroxide Value	3.0 Max
Odor	Mild

### **Application**

ESTOBATE 80 is used as a solubilizer and emulsifier of oils and fragrances, wetting agent, viscosity modifier, antistat, stabilizer or dispersing agent. It can also be used in food, textile and metal working industries. ESTOBATE 80 is further used as an Emulsifier, solubilizes, stabilizer. Dough conditioner in yeast-raised baked goods; foaming agent in beverage mixes; Bloom retardant in chocolate and sugar coatings; Aerating agent, volume and texture improvement and anti-staling in cakes; Emulsifier in coffee whiteners, dressings and sauces; Improves overrun and dryness in frozen desserts and icecreams; Improves stability and texture in icings and fillings; Emulsifier and improves extrudability in pet foods, flavour solubilizer in pickles; Improves overrun and texture in whipped topping.

### **Packaging**

210kg HDPE Barrel

### **Storage and shelf Life**

Store in cool and dry place away from sunlight at ambient temperature. The material should be retested after storage for three years from date of manufacture.

### **Regulatory Information**

This product is found on the U.S EPATSCA Inventory.

FDA References: It is approved under FDA regulations: 21CFR 73.100, 21CFR73.1001, 21 CFR 172.515, 21 CFR 172.836, 21 CFR 173.340, 21 CFR 175.105, 21 CFR 175.300, 21 CFR 178.3400

### **Food Chemical Codex**

ESTOBATE 80 also meets the purity criteria specified in the USP Food chemical Codex, 9th Edition'

### **Disclaimer**

The information contained in this publication is based on own research and development work and is to the best of our knowledge reliable. Users should, however, conduct their own tests to determine the suitability of our products for their intended use of the product. Statements contained herein should not be considered as warranty of any kind, expressed Implied, and no liability is infringement of any content in this publication.

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