



## **SOL GLYCEROL MONOSTEARATE-40 NSE (E-471)**

### **DESCRIPTION**

SOL Glycerol monostearate-40 NSE is one of our premium emulsifiers, manufactured from the esterification of glycerine with palm oil. Product is USP complaint.

### **PHYSICAL/CHEMICAL SPECIFICATION**

Appearance: White Flakes/Powder

Melting Range: 50 to 60 ° C

Acid Value: Max. 5 mgKOH/g

Mono content: Min 40 %

Iodine value: Max. 3

Free glycerol: Max. 6%

Moisture: Max. 2%

Saponification: 150 -165

Soap Content: Max. 6

Total Glycerin: 16 - 33

### **HEAVY METALS**

Arsenic (As): Max. 3 mg/kg

Cadmium (Cd): Max.1 mg/kg

Lead (Pb): Max. 1 mg/kg

Mercury (Hg): Max. 1 mg/kg

Heavy Metals: Max. 10 mg/kg

### **APPLICATION**

Anti-staling agent and whipping agent in food products.

Creams, lotions, shampoo and other cosmetic applications.

Softener textiles and lubricant for plastic industries.

### **STORAGE/SHELF LIFE**

To be stored in cool & dry place 25° C -30° C. 24 months from the date of manufacturing.

### **PACKING**

Packing 25 Kg paper bag with Inner lining.