

VENUS ETHOXYETHERS PVT. LTD.

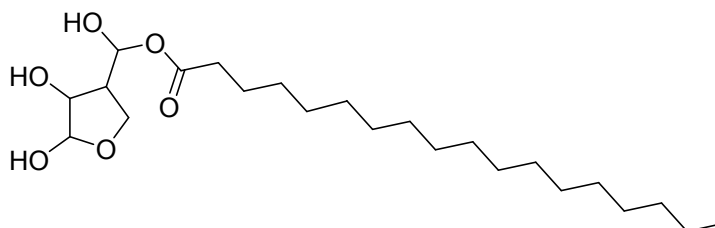
Leading Manufacturers of Surfactants & Other Chemicals

TECHNICAL DATA SHEET

Product Name: SORBITAN MONOSTEARATE

Chemical Name: Mono Stearic ester of Sorbitol

Structure:



SPECIFICATIONS

Appearance: Solid waxy flakes

Color: Creamy yellow

Acid Value: 10 max

Saponification Value(mg KOH/g): 147-157

Hydroxyl Value: 235-260

Moisture: 1% max

HLB Value: 4.6

CAS No.: 1338-43-8

Properties: SMS is a partial stearate ester of sorbitol and its mono- and di-anhydrides. It is soluble in common organic solvents, insoluble in cold water, but dispersible in warm water. It is also referred to as synthetic wax.

Applications: Used primarily as a water in oil emulsifier. It has applications as a non-ionic surfactant in food and health care products as an emulsifier (cold creams, dietary supplements, baked products), dispersing agent (milk powders) and wetting agent. It is also used in making synthetic fibres, metal machining fluids, brighteners in leather industry, in coatings, pesticides and has various other applications in plastics, food and cosmetic industries. It is also used as an antifog agent in plastic clear films.