

Lotioncrafter

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Polysorbate 80

INCI: Polysorbate 80

DEFINITION

Polysorbate 80 is a mixture of oleate esters of sorbitol and sorbitol anhydrides, consisting predominantly of the monoester, condensed with approximately 20 moles of ethylene oxide.

DESCRIPTION

Polysorbate 80 is used as an emulsifier in combination with a variety of other hydrophobic emulsifiers to cover a wide range of oil in water, and water in oil emulsion systems. Individually, it is an excellent solubilizer of essential oils, wetting agent, viscosity modifier, stabilizer and dispersing agent. Use it in the creation of linen and room sprays, body sprays and other products where oils need to be solubilized in water.

TYPICAL PROPERTIES

Physical Form @25°C	Yellow Liquid
HLB	15
Solubility	Water
CAS Number	900-65-6

SPECIFICATIONS

Saponification Value	45 - 55
Hydroxyl Value	65 - 80
Acid Value	2 Max.
Water, %	3 Max.
Color, Gardner (1963)	5 Max.

STORAGE

Store in a dry place in a tightly closed container. When properly stored, this product has minimum usable life of 18 months from the date of production.

LIMITED WARRANTY – PLEASE READ CAREFULLY

The information contained herein is offered in good faith based on Lotioncrafter's research and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information shall not be used in substitution for customers' tests to insure that Lotioncrafter's products are fully satisfactory for your specific applications. Our warranty is that the product will meet its current sales specifications. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.