



COSMETIC
SUPPLIES
USA, INC.



POLYSORBATE 20

Uses: Polysorbate 20 is a gentle emulsifier and is also a non-ionic surfactant. It is used as a stabilizer for perfumes in water based formulas and as an emulsifier for oils in water. When emulsifying essential oils, it is able to maintain the properties and integrity of the oil it emulsifies and so is highly recommended for this purpose. It is used in creams, body sprays, salves, cleansers, cream rinses, conditioners, scrubs, pomades, lotions, bath oils, lipsticks, glosses, mists, mascaras, ointments, toners and body wipes. It is also used in linen sprays and mists. Polysorbate 20 is not the most effective emulsifier as separation can occur in some of the products it is added in but with shaking, it will quickly re-emulsify. It is very lubricating and soothing for the skin. It is best used in products when a very low amount of foaming action is desired.

General Characteristics	
Classification	Non-Ionic Surfactant
Appearance at 25C	Waxy Flakes
Active Content %	98.5 min
Specifications	
Acid Value	10.0 max
Hydroxyl Value	235 - 260
Moisture % (K.F.)	1.5 max
Saponification Value	147 - 157
Gardner Color	10 - 14
C12 Lauric	1.0 max
C14 Myristic	2.0 - 3.0
C16 Palmitic	40 - 45
C18 Stearic	52 - 58
C18:1 Oleic	Traces
C18:2 Linoieic	Traces

The above data is provided for the convenience of the user and does not relieve the user of normal liability for inspection of material upon delivery or prior to actual use. Statements concerning the possible use of our product are not intended as a recommendation to use our product in the infringement of any patent.

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