

Polysorbate 20

INCI Name: Polysorbate 20

CAS Numbers: 9005-64-5

Description:

Polysorbate 20 is a polysorbate surfactant that is stable and somewhat non-toxic. It is used as a detergent and emulsifier in a number of domestic, scientific, and pharmacological applications. It is a polyoxyethylene derivative of sorbitan monolaurate and is distinguished from the other members in the polysorbate range by the length of the polyoxyethylene chain and the fatty acid ester moiety.

Technical Data:



Test/Property	Specification
1,4 Dioxane ppm	10 MAX
Heavy Metals ppm	10 MAX
Hydroxyl Value	96 TO 108
Acid Value	2 MAX
Residue on Ignition	0.25% MAX
Saponification Value	40 TO 50
Appearance at 25° C	YELLOW LIQUID
Color, Gardner	3 MAX
Moisture, %	3 MAX

Applications:

Polysorbate 20 is used in moisturizers, anti-aging products, shampoos, lotions, foundation products, conditioners, hair color and bleaching products, sunscreens, cleansers, mascaras, toners, astringents, eye shadows, hair sprays, exfoliants, scrubs, foams, eye liners, highlighters, and mask products.



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