

EGDS (Ethylene Glycol Distearate)

INCI Name: Glycol Distearate

CAS Numbers: 627-83-8



Description:

Glycol distearate is a compound based on stearic acid, a naturally occurring fatty acid. A close relative to glycol stearate and glycol stearate SE, glycol distearate is a white to cream-colored waxy solid used to condition skin, to increase the thickness of certain cosmetic products (like creams and lotions), and to reduce the clear or transparent appearance of cosmetics, such as in make-up concealers. Glycol distearate in particular is often used as a “pearlizing” agent in body washes and hair care products.

Technical Data:

APPEARANCE AT 25°C:	WHITE FLAKE OR BEADS
COLOR (Lovibond Red):	3 MAXIMUM
ACID VALUE:	6 MAXIMUM
SAPONIFICATION VALUE:	190 - 200
HYDROXYL VALUE:	33 - 43
MOISTURE CONTENT:	0.2 %MAXIMUM

Applications:

The more popular use of EGDS is in shampoo and conditioners, and body washes and soaps. Also used in hair coloring, exfoliates, acne treatment, and anti-aging products.



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