

Ya i `DYUF`!

INCI Name: Glycol Distearate

CAS No.: 627-83-8

EINECS: 211-014-3

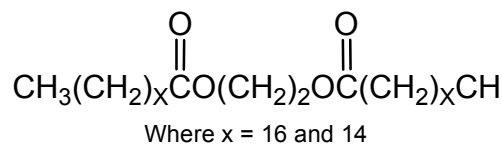
Product Description

Ya i `DYUF` is a grade of ethylene glycol distearate synthesized for cosmetic formulations. It is an excellent opacifier and pearl producing agent for lotions, creams, shampoos, and hand cleansers. It is a low HLB emulsifier and emulsion stabilizer for O/W and W/O systems. **Ya i `DYUF`** is soluble in hydrocarbons, esters, ketones, chlorinated hydrocarbons and insoluble in water. **Ya i `DYUF`** is totally biodegradable and contains no preservatives.

Specifications

Appearance @ 25 Deg C	Waxy Flake
Acid Value	6.0 Max
Saponification Value, MG KOH/G	190 - 205
Infrared Spectrum	Matches Standard
Melting Point, Capillary, Deg C	65 – 70
Iodine Value	1.0 Max

Chemical Structure



Typical Properties

Specific Gravity @ 78°C	0.86
HLB	1.6
C18, %	~ 70
C16, %	~ 30
Diester, %	>88

Regulatory

TSCA: Listed	Japan: Listed
EU: Listed	Korea: Listed
Australia: Listed	New Zea: Listed
Canada: Listed	Philipp: Listed
China: Listed	Swiss: Unknown

Principal Uses

Pearled Hand Soaps	1% – 3%
Pearled Shampoos	1% – 3%
Body Wash	1% – 5%
Conditioners	2% – 5%
Skin Creams/Lotions	2% – 5%
Liquid Makeup	1% – 4%

Storage and Handling

emulPearl should be stored in sealed containers below 30°C in a dry place out of direct sunlight. Handle between 25-30°C. Avoid prolonged exposure to heating as this may lead to degradation.

Shelf Life

Shelf life 48 months from date of manufacture.

Packaging

Available in bulk, 25 kilogram bag, 50 pound bag, 100 kilogram drum, 200 pound fiber drum.

WARNING

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This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations. Users are requested to check that they are in possession of the latest version of the present document.