

## Ethylene Glycol Distearate (EGDS)

Other Name: Stearic Acid Glycol Ester

INCI name: Glycol Distearate (EGDS)

CAS No.: 627-83-8 or 91031-31-1

EINECS (EC) No.:

Molecular Formula:  $\text{RCOOCH}_2\text{CH}_2\text{OOCR}$  R: $\text{C}_{15-17}$  alkyl

### Characteristics:

- 1, As formulated into the surfactant, the pearling sense of the product is full and delicate.
- 2, Fine compatibility with anionic, cationic, nonionic and amphoteric surfactants.
- 3, Non-irritating and non-allergic to skins and hair.

### Application:

- 1, Used in liquid washing products, it has obvious pearling effect, and will enhance the viscosity of product.
- 2, It also has functions of moistening skin, nursing hair and antistatic.
- 3, Nonirritating to skins and without any harm, so suitable in shampoo, shower cleanser, cream and high standard liquid detergent.
- 4, Applicable for pharmacy, as pearl dispersant, solubilizer, lubricant, metal processing scour and fiber processing field.
- 5, Suitable to be used in thermal formulating technology, recommended dosage is 0.5-2%.

### Specification

Item	Specification
Appearance, 25°C	White flake solid
Acid value, mgKOH/g	4.0 Max.
Saponification value, mgKOH/g	190.0-205.0
Diester content, %	93.0 Min.
Melting point	60-63°C
Water and volatile, %	1.0 max
Cauterant residue, %	2.0 max.

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Packing: 20kgs per carton lined a PE bag.

Storage: Stored in dry, cool and ventilated place, kept away from sunshine and rain.

