



## Transfar Zhilian Co.,Ltd

### Technical Data Sheet

**Product Name:** Glycol Distearate

**INCI Name:** Glycol Distearate

**CAS Number:** 627-83-8

**Molecular Formula:**

$\text{RCOOCH}_2\text{CH}_2\text{OOCR}$  R=C15~C17

**Description:** EGDS is dissolved and emulsified after heating in the surfactant complex. During the cooling process, it will precipitate lens-like crystals and produce pearly luster. When used in liquid washing products, it can produce exquisite pearly luster, which has moisturizing skin, nourishing hair and anti-static effect. No irritation to skin, no damage to hair.

**Specification:**

Item	Specification	Test Method
Appearance (25°C)	White to light yellow solid	Visualization
Acid value, mgKOH/g	$\leq 5.0$	QB/T 4312-2012
Melting points, °C	55-65	QB/T 4312-2012
Saponification value, mgKOH/g	190-210	QB/T 4312-2012
Glycol content, %	$\leq 2.0$	QB/T 4312-2012

**Application:**

It is widely used in shampoo, facial cleanser, hand sanitizer and body wash. Hot mix can be added directly. Cold mix must be prepared into pearlescent paste before adding.

**Recommended Dosage:** 2~6%