



Transfar Zhilian Co.,Ltd

Technical Data Sheet

Product Name: Glycol Stearate

INCI Name: Glycol Stearate

CAS Number: 111-60-4

Molecular Formula:

$\text{RCOOCH}_2\text{CH}_2\text{OH}$ $\text{R}=\text{C15}\sim\text{C17}$

Description: EGMS 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 intense 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	≤ 5.0	QB/T 4312-2012
Melting points, °C	55-65	QB/T 4312-2012
Saponification value, mgKOH/g	175-195	QB/T 4312-2012
Glycol content, %	≤ 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%