

Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

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TECHNICAL DATA SHEETS

1. Product name:

Glycol distearate

2. Chemical Name:

EGDS;

Elfan L 310;

Emerest 2355;

Alkamuls EGDS;

Octadecanoic acid;

1,2-ethanediyl ester;

1,2-distearoyloxyethane;

Ethylene Glycol Monostearate;

Ethylene glycol dioctadecanoate;

Ethylene Glycol palmitate/stearate;

Fettsuren, C16-18, Ester mit Ethylenglykol;

Fatty acids, C16-18, esters with ethylene glycol

3. CAS No.:627-83-8/91031-31-1

4. MF:C38H74O4

5. MW:594.99

6. Technical specifications

Item	Specifications	Results
Appearance	White flake solid	Conforms
Acid value	$\leq 3\text{mgKOH/g}$	1.6mgKOH/g
Saponification value	190~200mgKOH/g	195mg KOH/g
Hydroxyl value	$\leq 30\text{mgKOH/g}$	Conforms
Iodine Value	$\leq 1\text{gI}_2/100\text{g}$	0.6gI ₂ /100g
Melting point	60~64°C	60~62°C
Monoester content	$\leq 20\%$	17%
Diester	$\geq 75\%$	79%
Conclusion	The results conforms with enterprise standards	

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7. Usage

Glycol distearate is mainly used in shampoos, body lotions, moisturizers and high-grade liquid detergents. Glycol distearate can also be used as a pearlescent dispersant, solubilizer, lubricant and metalworking detergent and fiber processing in pharmaceutical production.

8. Package

25kg/bag