

Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: greenindustry@163.com

Web: www.taiangreenindustry.com

TECHNICAL DATA SHEETS

1. Product name:

Glyceryl stearate

2. Chemical Name:

GMS;

1-monostearin;

1-glyceryl stearate;

alpha-monostearin;

1-stearoyl-rac-glycerol;

Glyceryl octadecanoate;

Glycerine monostearate;

1-monostearoylglycerol;

Glycerin 1-monostearate;

Glycerol 1-monostearate;

Glyceryl 1-monostearate;

Stearic acid glyceryl ester;

1-octadecanoyl-rac-glycerol;

2,3-dihydroxypropyl stearate;

Ethylene glycol monostearate;

Glycerol alpha-monostearate;

3-stearoyloxy-1,2-propanediol;

Stearic acid 1-monoglyceride;

Stearic acid alpha-monoglyceride;

2,3-dihydroxypropyl octadecanoate;

Octadecanoic acid, 2,3-dihydroxypropyl ester

3. CAS No.:

123-94-4/11099-07-3/31566-31-1/85666-92-8/22610-63-5/83138-62-9/342394-34-7

4. MF:N/A

5. MW:N/A

6. Technical specifications

Item	Specifications	Results
------	----------------	---------

Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: greenindustry@163.com

Web: www.taiangreenindustry.com

Appearance	White waxy solid	Conforms
Assay	$\geq 99\%$	99.2%
HLB value	3.6~4.2	Conforms
Acid value	$\leq 3\text{mgKOH/g}$	1.7mgKOH/g
Saponification value	163~170mgKOH/g	Conforms
Conclusion	The results conforms with enterprise standards	

7. Usage

In the food industry, glyceryl stearate is used as an emulsifier for the production of confectionery and chocolate products, as a foaming agent for cakes, as a defoamer for soy milk, as a pigment dispersant in oils; in the pharmaceutical industry, glyceryl stearate is used as an ointment, cream, suppositories, lotions, emulsifiers, stabilizers, lubricants, defoamers; in the chemical industry, glyceryl stearate is used as emulsifier, lubricant, shampoo detergent; glyceryl stearate is also used in PE, PP, PVC internal antistatic agent, the general dosage is 0.5~2.0%.

8. Package

25kg/bag