



Classic Distributing Company

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TECHNICAL BULLETIN

GMS

Chemical Name: Glyceryl Stearate
CAS Number: 31566-31-1

SPECIFICATIONS:

Appearance at 25°C	Off white flake or granules
Melting Range (Class I)	55°C Min.
Acid Value	6 max.
Hydroxyl Value	290 – 330
Iodine Value	3 Max.
Saponification Value	150 – 165
Residue on Ignition	0.5% Max.
Heavy Metals	10 ppm Max.
Free Glycerine	1.2 % Max.
Monoglycerides	90.0% Min
Organic Volatile	Complies with USP

APPLICATION:

GMS is a glyceryl ester commonly used in a wide variety of different cosmetic formulations. Major applications for GMS include creams, lotions, antiperspirants, hair care products and sunscreens. It is also used in topical pharmaceutical creams, ointments and lotions. It is usually a primary emulsifier and is commonly used with auxiliary emulsifiers.

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Fine Ingredients

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