

Glucate™ SS Emulsifier

CTFA/INCI Designation: Methyl Glucose Sesquistearate.

Product Description: Glucate™ SS emulsifier is methyl glucose esterified with stearic acid. It is 100% active, and is supplied as off-white flakes.

Typical Properties: Physical properties are listed below and indicate typical values and properties; they are not intended to be used as product specifications.

Appearance at 25°C	Off-white flakes
Odor	Mild
Acid Value, mg/g	10
Hydroxyl Value, mg/g	285
Moisture, % wt.	0.8
Saponification Value, mg/g	133
Iodine Value	0.5
Color, Gardner	6
Ash, % wt.	<0.5
Melt Range, Class I, °C	48-55

Features and Benefits:

- Primary W/O emulsifier
- Used with Glucamate™ SSE-20 emulsifier, can provide long-term shelf life and viscosity stability
- Auxiliary emulsifier for all systems
- Generates and stabilizes viscosity
- Strengthens and rigidifies molded sticks; reduces syneresis
- Supplemental stabilizer for multiple phase makeup products
- Mild barrier supplement for moisture retention in topical products
- Improves lather texture

Suggestions for Use:

Glucate SS emulsifier is an extremely effective emulsifying agent and is recommended for use in skin care products including creams and lotions.

Glucate SS emulsifier is derived from corn. It is an easy-to-use flake form. When combined with Glucamate SSE-20 emulsifier, it provides excellent stability and viscosity performance. Due to the mild characteristics of this product, it is particularly useful in formulating sensitive skin products.

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Recommended use levels range from 0.5% to 3.0%, depending on application.

Storage and Handling:

Glucate SS emulsifier is packed in 70-kg drums and 25-kg pails. Material should be stored in closed containers and protected from extreme temperatures.

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