

# Glucamate™ SSE-20 Emulsifier

**CTFA/INCI Designation:** PEG-20 Methyl Glucose Sesquistearate.

**Product Description:** Glucamate™ SSE-20 emulsifier is an ethoxylated methyl glucose ether which has been esterified with stearic acid. It is 100% active, and is supplied as a pale yellow, soft solid.

**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	Pale yellow, soft solid
Odor	Mild
Acid Value, mg/g	1.2
Hydroxyl Value, mg/g	102
Moisture, % wt.	<0.5
Saponification Value, mg/g	45
Iodine Value	0.8
Ash, % wt.	<0.25
Color, Gardner	3
pH, 10% Aqueous Solution	6.0
Cloud Point, °C	75

### Features and Benefits:

- Used with Glucate SS emulsifier, can provide long-term shelf life and viscosity stability
- Primary oil in water emulsifier
- Retards viscosity buildup
- Clarifies oils into water
- Cleanser, stabilizer for pigment dispersions in makeup

### Suggestions for Use:

Glucamate SSE-20 emulsifier is an extremely effective emulsifying agent for skin care products. It is recommended for use in creams and lotions.

Glucamate SSE-20 emulsifier is derived from corn. It is an easy-to-use soft solid form.

Glucamate SSE-20 emulsifier is an exceptional oil in water emulsifier. When used in combination with Glucate SS emulsifier, it provides exceptional stabilities and viscosity. 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:**

Glucamate SSE-20 emulsifier is packed in 200-kg drums and 45-kg pails. Material should be stored in closed containers and protected from extreme temperatures.

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