

### GLUCO DOE120S

#### INCI Name

PEG-120 METHYL GLUCOSE DIOLEATE

#### Description

GLUCO DOE 120S is a natural glucose derivative from corn, acting as high-efficient thickener in shampoo, body wash, facial cleanser and baby cleanser. It is especially applicable to some surfactants hardly to thicken. It causes no irritation to eyes, meanwhile significantly reduces irritation of the whole formula.

#### Specification

Parameter	Value
Appearance	Light yellow, clear Serosity
Saponification value(mgKOH/g)	9-20
Water content(%)	25-30
Acid value(mgKOH/g)	≤1
Iodine value (g/100g)	3-11
pH(10% soln.)	4.5-7.5

These values indicate typical specifications, they are not intended to be used as product specifications.

#### Properties

- Superior ability to thicken many anionic and amphoteric surfactants.
- No irritation to eye, applicable in facial cleanser and baby shampoo.
- No effect on foamability.
- Impart quite soft and gentle after-feeling.

#### Applications

Shampoo  
Body wash  
Facial cleanser

#### Formula Guidelines

Typically used at a level of 0.1~5.0%

#### Storage & Handling

**Standard Packing:** 120kg/drum

**Storage:** Keep in cool, dry, ventilated and lightless place.

**Shelf life:** 12months

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