

GLUCO DOE 120

INCI Name

PEG-120 METHYL GLUCOSE DIOLEATE

Description

GLUCO DOE 120 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 whole formula.

Specification

Parameter	Value
Appearance	Yellowish wax solid
Odor	Mild, characteristic
Saponification value(mgKOH/g)	14-26
Hydroxyl value(mgKOH/g)	14-26
Acid value(mgKOH/g)	≤1.0
Iodine value(g/100g)	5-15

These values indicate typical specification, 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%

- How to handle in formula –

Option 1, Add GLUCO DOE 120 into system while gently stirring with a little heating. Mix until uniform, add other ingredients.

Option 2, Dissolve GLUCO DOE 120 in water by 1:5~10 ration while heating. Then add it into prepared surfactant solution.

Storage & Handling

Standard Packing:25kg/drum

Storage: Keep in Cool, Dry, Ventilated and Lightless Place.

GUANGZHOU TINCIMATERIALS TECHNOLOGY CO., LTD.

Kangda Road No.8, Yunpu Industrial Zone,

Huangpu Region, Guangzhou

TEL: 86-20-82251159 FAX: 86-20-82250169

WEBSITE: www.tinci.com

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