

ITHICK DOE 120L

PEG-120 Methyl Glucose Dioleate (And) Water

- Body wash
- Facial cleanser
- Hand cleanser
- Baby shampoo

iThick DOE120L 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. It is a syrup form, easy to use and can be added to the formulation at last stage without heating.



Formulation instructions

Recommended dosage: 0.2 - 5.0%

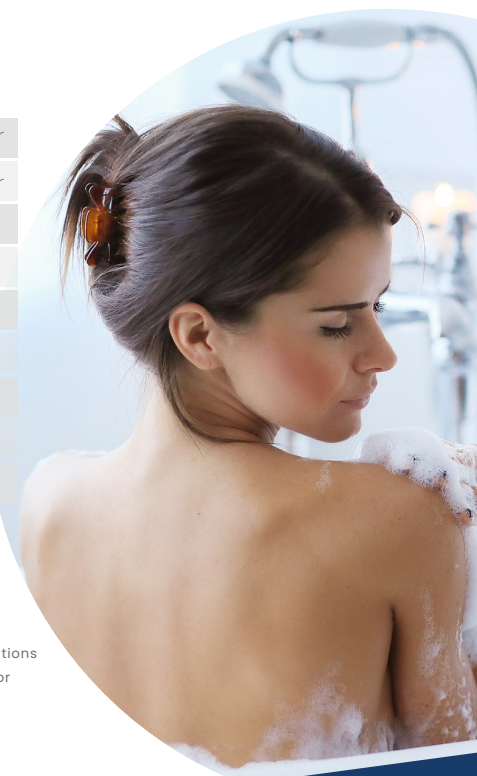
Technical Data

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|---------------------------------|---|
| INCI Name (US) | PEG-120 Methyl Glucose Dioleate (And) Water |
| INCI Name (EU) | PEG-120 Methyl Glucose Dioleate (And) Water |
| Appearance | Syrup |
| Color | Yellowish |
| Odor | Mild, characteristic |
| Saponification value (mg KOH/g) | 9.0 - 20.0 |
| pH (10% aqueous) | 4.5 - 7.5 |
| Acid value (g/100 g) | 3.0 - 11.0 |
| Water Content (%) | 25.0 - 30.0 |



Benefits

- Superior ability to thicken many anionic and amphoteric surfactants.
- No irritation to eye, applicable in facial cleanser and baby shampoo.
- No effect on foam-ability.
- Impart quite soft and gentle after-feeling.
- Easy to use without heating.



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