

## Amino-silicone oil ASO-846

ASO-846 is a special amino-modified organic silicone oil, fiber and fabric can produce excellent flexibility, smooth feel, so very excellent in terms of washing, the treated fibers and fabrics are extremely lucrative cozy feel. Microemulsion can be made, can give a variety of cellulose fibers and synthetic lubricating excellent soft texture, the effect lasting, low yellowing.

### Physical Properties

- Appearance : clear to slightly turbid viscous liquid
- Viscosity : 1000 ~ 5000 mPa · s (25°C)
- Stability : in sealed containers below 40 °C indoor dark storage year

### Characteristics

- good lubrication soft surface texture.
- Feel full, good drape.
- In a variety of fibers with a good feeling, lasting effect.
- Low yellowing..
- Easily emulsified into microemulsion stability.

### Emulsification

→ ASO-846 can use our environmentally friendly emulsifiers, the following recipe is for reference only.

Ingredient%	Content
ASO-846	20.0%
Emulsifier	10.0%
Concentrate	5.0%
Water	64.7%
HAC	0.3%

1. ASO-846, and the emulsifier mixture was stirred for 15 minutes.
2. Add the concentrated water and 0.1% acetic acid and stirring was continued for 10 minutes, the viscosity increases.
3. At 30 minutes and a small amount of dilution water was added gradually stir.
4. Would be the last one remaining glacial acetic acid and water added together, the emulsion appearance Clear and transparent.
5. filter package.

When mixing the emulsion must be fully prepared, but you can not use the high shear device.

Note: The above example is only for illustration. The company can not guarantee their applicability, performance, efficacy, safety and the possibility of patent infringement. They did not go through extensive testing verified before use customer must own authentication.

### Application Process

Padding:

- 1.with a non-ionic detergent thoroughly scouring the fabric, and then with 80% acetic acid solution at 2g / l dosage wash cloth to neutralize alkaline residue on the fabric.
- 2.If the use of anti-wrinkle agent, diluted in the mixing tank, if overheated to cool before adding silicone oil 30 °C .
- 3.The required amount of silicone oil emulsion and about the same amount of water diluted into a mixing tank.
4. If the anti-wrinkle agent with a catalyst diluted with an equal amount of water added to the mixing tank.
5. Finally, all of the water added with 80% acetic acid adjusted to pH 5.

#### Impregnation method:

1. with a non-ionic detergent thoroughly scouring the fabric, and then with 80% acetic acid solution at 2g / l dosage wash cloth to neutralize alkaline residue on the fabric.
2. the required amount of silicone oil emulsion and about the same amount of water to dilute the liquid with the fabric at 20:1 or a bath ratio of 30:1 is made with 80% acetic acid solution to pH 4.
- 3.After about 10 minutes, increasing the temperature to 35-40 °C and maintained 20-30 minutes to complete absorption dip immersion.

#### Package

120Kg Plastic bucket

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#### LIMITED WARRANTY INFORMATION – PLEASE READ BEFORE ANY APPLICATION:

- The data presented in this brochure are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt.
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