



326 Exchange Drive  
Arlington, Texas 76011  
817-469-7777

## Product Information: SPI-7045

INCI Name: Argania Spinosa (Argan) Kernal Oil (and) Dimethicone  
(and) Laureth-4 (and) C12-14 sec-Pareth-9

### Description:

SPI-7045 is our first emulsion containing both argan oil and 500,000cS dimethicone. This product contains 13% organic deodorised Moroccan argan oil, and this emulsion facilitates the incorporation of argan oil into aqueous formulations.

When formulated for damaged hair; SPI-7045 significantly improves dry combing in shampoo and shows excellent wet combing reduction in conditioners. Smoothing and damage repair are both possible in rinse-off products, thanks to the use of dimethicone. The effects can be seen at levels of 2% active emulsion in rinse-off formulations, and usage is recommend at 1- 6% as supplied. Argan oil is notoriously unstable at temperatures over 40°C and in UV light, leading to discoloration, odor and viscosity issues. It is also a deep amber color which can affect the final color of the formulations. Emulsifying argan oil into a white emulsion ensures a much more stable product without affecting the color of the formulation. We recommended the final pH of surfactant systems is over 5.5.

The product is preserved with Phenoxyethanol (and) Decylene Glycol (and) Caprylyl Glycol.

### Features:

- ✿ Damaged Hair Shampoo
- ✿ Intensive Conditioners
- ✿ Premium Hair Care
- ✿ Skin Products

### Applications:

- ✿ IECIC Listed
- ✿ Improves wet and dry combing
- ✿ Enhances smoothness of skin and hair
- ✿ Optimized blend of silicone and argan oil
- ✿ Easily incorporated Aragn oil without discoloration

Specification	Typical Properties
External Viscosity @ 25 °C	9,000 cSt
Appearance @ 25°C	White Milky Liquid
Argan Oil/Silicone Content	13% / 39%
Emulsifier Type	Non-Ionic
Particle Size (µm)	1-2
CTFA/INCI Name	Argania Spinosa (Argan) Kernal Oil (and) Dimethicone (and) Laureth-4 (and) C12-14 sec-Pareth-9

### Packaging:

SPI-6106 is available for sale in 25kg and 200kg drums.



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**Special Use and Safe Handling Information:**

Read product and material safety data sheets before handling this product for physical and health hazard information. The material safety data sheet is available from your Silicones Plus products representative, or by emailing a request to [samples@siliconesplus.com](mailto:samples@siliconesplus.com) . Also this material is not intended for pharmaceutical use.

**Shelf Life:**

The product should be stored below 32°C and not be allowed to freeze. Shelf life of the opened or un-opened container is 12 months from the date of manufacture. If you wish to use this product after this time, please contact us for details.

**Company Details:**

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