



# StarSil™ EAS 15

## Amino Functional Silicone Fluid

### Product Description

StarSil™ EAS 15 is an amino functional silicone softener, which when emulsified will develop a smooth elastomeric finish on cotton, cotton/polyester or polyester fabrics. StarSil™ EAS 15 is particularly applicable to fabric which will be compressively shrunk such as shirtings, especially pin point oxford. Emulsions of StarSil™ EAS 15 are exceptionally stable and are compatible with all products typically used in textile finishing

### Special Properties

- Smooth, soft handle
- Elastomeric

### Typical Physical Properties\*

Appearance.....water white, slightly hazy  
 Viscosity.....<5,000 cps  
 % Volatiles.....<10%  
 Amine value.....7.4 – 9.7 mgKOH/g

*\* These items are provided as general information only. They are approximate values and are not considered part of the product specifications.*

### Application

Emulsions of StarSil™ EAS 15 may be added directly to the finishing bath. They may be applied as a pure finish or may be co-applied with resins or softeners. Typical application level is 1–3% owb. Try to avoid over drying when applying to terry towel.

### Storage

StarSil™ EAS 15 may be stored for six months at 60–90°F (16–32°C).

### Emulsification Procedure

1.	Water 1	54%	
2.	Acetic Acid		0.15%
3.	Sodium chloride	0.05%	
4.	TDA 6		12.5%
5.	StarSil™ EAS 15		25%
6.	Water 2	8.35%	
7.	Preservative		0.1%

Charge 1-4. Mix until uniform and begin heating to 55 C. Charge 5. Mix until clear. Charge water 2 and preservative.

#### StarChem, LLC · 10150 Greenville Highway · Wellford, SC 29385 · Phone: 1-800-677-3500

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written, or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by StarChem. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release StarChem from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contain herein is unauthorized and shall not bind StarChem. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.