

## Technical Information

## SURFYNOL® LSF

**Composition**

SURFYNOL® LSF is a nonionic wetting agent and dispersant.

**Physical properties**

Appearance (20 °C)	Clear, pale yellow liquid
Specific Gravity at 25 °C	1.05
Viscosity at 20°C	240 mPa.s
Flash Point	>110°C
Pour Point	10-12°C

These are typical properties only and do not represent sales or manufacturing specifications

**Applications**

Latex dipping

**Description**

SURFYNOL® LSF is a nonionic wetting agent and dispersant that provides good wetting as well as good foam control to coagulant baths for both natural and synthetic rubber dipping process and in the preparation of latex tank compounds. It is an easy-to-dissolve liquid with a high cloud point that provides excellent wetting, rapid destabilization of foam, and reduced defects.

SURFYNOL® LSF contains no added alkylphenol ethoxylates (APEs).

Please note, this product is not available in all regions. Please check for availability with your local office.

**Recommended Usage**

Between 0.05 and 0.6% of total formulation weight is recommended.

**Advantages**

- Specially designed for high temperature, high Ca(NO<sub>3</sub>)<sub>2</sub> coagulant baths giving low defect rate
- 85 °C cloud point for 0.3% surfactant in 15% aq. Ca(NO<sub>3</sub>)<sub>2</sub>
- No oil out at high temperature
- Good foam control
- Good dynamic surface tension reduction for fast line speeds
- Pre-dilution not necessary
- Good cost/performance balance
- Contains no added APEs

**Storage and Handling**

SURFYNOL® LSF should be stored under dry and clean conditions between -10 °C and 50 °C.

Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40 °C and mix thoroughly before use. Please refer to Material Safety Data Sheet.

**Registration status**

The ingredients of SURFYNOL® LSF are listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, ECL, PICCS and IECS.

**Shelf-Life**

24 months from the date of manufacture.

## Packaging

213 kg plastic drum

## Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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**Evonik Nutrition & Care GmbH**  
Goldschmidtstraße 100  
45127 Essen, Germany  
Phone Europe +49 201 173 2665  
Phone Asia +86 21 61191 125  
Phone Americas +1 804 727 0700  
[interface-performance@evonik.com](mailto:interface-performance@evonik.com)  
[www.evonik.com/interface-performance](http://www.evonik.com/interface-performance)