

# Technical Bulletin



## Lutensol® A 9 N

Lutensol® A 9 N Surfactant is a 100% active nonionic surfactant composed of a nine mole ethylene oxide adduct of a linear lauryl myristyl alcohol.

Lutensol® A 9 N Surfactant has excellent detergency and excellent wetting power, and is a moderate foamer. It is highly compatible with other nonionic, cationic and anionic surfactants. It can be used in light duty liquids, heavy duty laundry powders and liquids as well as in industrial and household cleaners. Lutensol® A 9 N is readily biodegradable.

### Shelf Life:

BASF will endorse the results on the certificate of analysis for a period of up to 2 years from the date of manufacture for material in original, unopened, properly stored containers. Beyond 2 years, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters.

Please refer to the Material Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

Specifications	
Cloud point (1 % aq. °C)	72 - 82
pH (5% aqueous )	5.0 – 8.0
Water (Wt.%)	0.3 max.
Color (APHA)	50 max

Typical physical properties	
Physical form (25 °C)	Waxy solid
Average molecular weight	554
Appearance (25 °C)	Colorless, waxy solid
Density (37.8 °C) [g/ml]	0.98
Pour point (°F)	72
Viscosity (Brookfield, 60 rpm, 37.8 °C)	35.9
Hydroxyl value (mg KOH/g)	99.0
HLB	12.9
Surface tension (1g/l, 20 °C)	28.8
Water (wt. %)	0.01

Lutensol ® is a registered trademark of BASF in many countries.

### Order Placement

To place orders for delivery in the United States or Canada, please call our toll free number (800) 443-6460.

### For Other Information

Including product literature and Material Safety Data Sheets please call (734) 324-6101.

### Or Visit Our Website At:

[www.performance.basf-corp.com](http://www.performance.basf-corp.com)

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