

NONIDET™ Low-Foam Surfactants

The NONIDET series of surfactants consists of low to moderately foaming nonionic alkoxyates based on linear alcohols. The Nonidet surfactants are supplied as 100% active products and are designed for applications requiring minimum foam levels, fast wetting, free rinsing characteristics, and high emulsification.

The polyoxyethylene (EO) and polyoxypropylene (PO) content of these nonionic surfactants provide lower pour point and cloud point temperatures. The Nonidet surfactants provide reduced gel temperatures and offer lower free alcohol content without significantly decreasing the detergency performance or wetting capability when compared to other oxyethylene nonionic surfactants.

The NONIDET surfactants are specifically designed for low-foam applications, such as mechanical dishwashing, rinse-aids, spray metal cleaning, or recirculation cleaning, and offer superior performance at an affordable price.

Nonidet Surfactant Applications Include:

- Mechanical Dishwashing (as detergents and rinse aids)
- Warewashing
- Dairy & Food (as low foam circulation cleaners)
- Ag Chem (as stabilizing agents in emulsifiable and suspension concentrates)
- Pulp & Paper (as defoamers and deinking agents)
- Paints (as dispersants and for foam control)
- Textiles (as aids in dyeing and printing)

Nonidet Surfactant Typical Properties:

Additive Properties	Nonidet SF-3	Nonidet SF-5	Nonidet RK-18
Specific Gravity @ 77°F	1.00	1.00	1.015
Odor	Mild	Mild	Mild
Flash Point, °F (PMCC)		350	450
pH1% Solution, (10/6 IPA/Water)	6.5-7.5	6.0-7.5	6.0-7.5
Pour point, °F		30	
Cloud point, °C (1% aqueous solution)	39-48	35-40	17
Color, max. (APHA)	100	100	100
Water content, wt.% max.	0.50	0.50	0.50
Physical Form @ 25°C	Liquid	Liquid	Liquid
Active, %	100	100	100
Draves wetting time, 24°C 3g hook, 5g cotton skein, 0.1%	7 sec.	9 sec.	