

Alcohol Ethoxylate TOMADOL® 900 Surfactant

DESCRIPTION

Tomadol 900 surfactant is designed to be a general purpose replacement for NP-9EO and NP-10EO. It provides better cleaning and degreasing than NPE surfactants or other NPE-alternatives.

Tomadol 900 Surfactant has shown to clean more effectively and faster at lower concentrations. Within formulation, it can provide equal or better cleaning performance in a wide variety of hard surface cleaning formulations.

ADVANTAGES

- Provides better cleaning and degreasing efficiency with lower use levels than other NPEs or NPE replacements
- Better cleaning at higher temperatures
- Lower formulation costs through reduced use levels
- Ideal environmental profile
- Improved handling characteristics

APPLICATIONS

- All-purpose cleaners
- Degreasers
- Bathroom cleaners
- Floor cleaners
- Fragrance oil solubilizes

REGULATORY INFORMATION

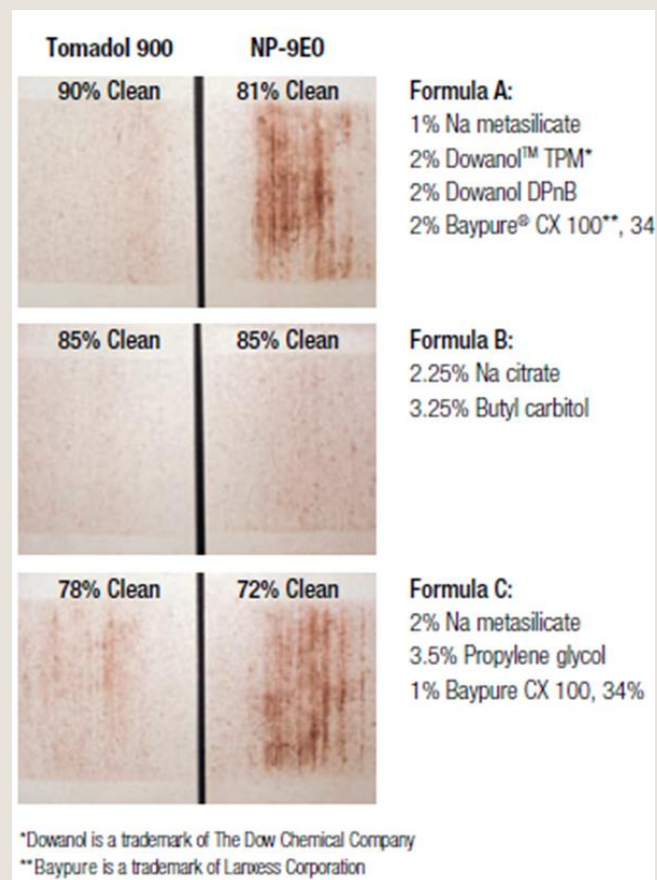
- CleanGredients™ – Readily biodegradable
- REACH and TSCA registered
- Please contact us for complete regulatory profile

TYPICAL PROPERTIES

Active content, %w	95
Melting Point, °C	-43.6
Specific gravity (77°F)	0.99
Viscosity (100°F), cSt	70
Pour point, °C	0 - 2
Flash point (PMCC), °C	>98.9
Cloud point, °C	64
HLB	13.1
Surface tension @ 0.1%, dynes/cm	27
Vapor pressure (mm Hg)	<0.10

FIGURE 1: CLEANING PERFORMANCE VS NP-9EO

Tomadol 900 Surfactant can provide equal or better cleaning performance in a wide variety of hard surface cleaning formulations.

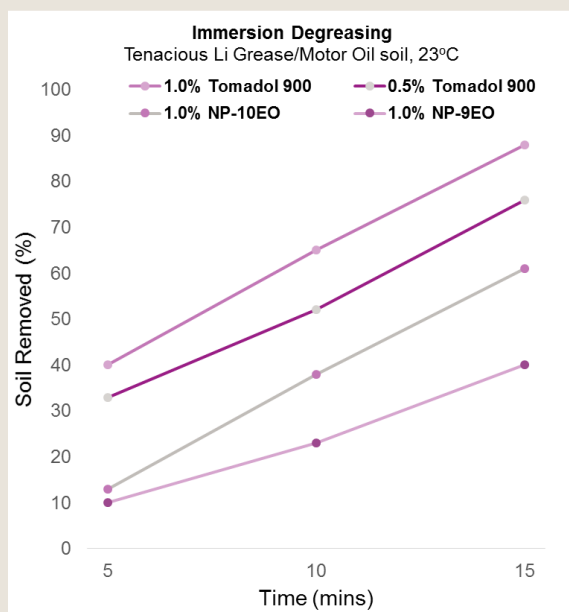


Conditions: Gardner Scrub results ASTM 4488-95A5 method modified, 2 wt% active surfactant

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FIGURE 2: CLEANING PERFORMANCE VS NPEs

Tomadol 900 Surfactant cleans better at half the use level than both NP-9EO and NP-10EO.

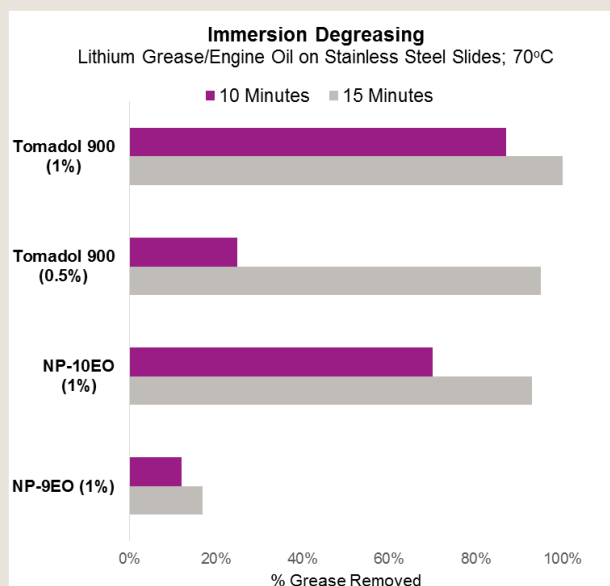


Formulation:

- DI water
- 0.5% sodium metasilicate
- 0.5% glycol ether
- 0.45% KOH
- 0.5–1.0% Surfactant (Tomadol 900 Surfactant, NP-9EO or NP-10EO as indicated)

FIGURE 3: CLEANING AT HIGHER TEMPERATURES

Tomadol 900 Surfactant provides better cleaning performance at high temperatures, even at half the use level than NPEs.



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