

# NOVEL® 22-25 Ethoxylate

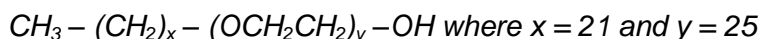
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## Technical Data Sheet

### Description

Sasol North America Inc.'s NOVEL® 22-25 Ethoxylate is a biodegradable, nonionic surfactant derived from linear, primary ALFOL® 22 Alcohol. The NOVEL® 22-25 ethoxylate is made using Sasol North America Inc.'s patented NOVEL® catalyst technology. This yields narrow range or "peaked" ethoxylates that have lower free alcohol, PEG levels, and melting ranges when compared to the traditional base-catalyzed ethoxylates. NOVEL® 22-25 Ethoxylate is a white solid that is essentially 100% active and has the following structural formula:



### Applications

NOVEL® 22-25 Ethoxylate can be used in a wide variety of applications. It can be used as high quality emulsifier in application areas such as: Paints and Coatings formulations, Textile, Leather processing, Personal Care, Cosmetics, and Water Treatment. It can also be used as a chemical intermediate.

### Properties

Typical physical properties are listed in the table to the right. Actual properties may vary from lot to lot.

### Contact Information

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Typical Properties	NOVEL® 22-25
Average Molecular Wt.	1440
Color, APHA	< 150
Hydroxyl Number	34 - 44
Water, Wt. %	< 0.5
Glycol, Wt. %	< 2
Free Alcohol, Wt. %	< 1
Density, g/mL @ 60°C	1.0058
Flash Point (PM), °C (°F)	>204 (>400)
Melting Range, °C (°F)	53 (157)
Cloud point, °C (salt)	75
Viscosity, cSt @ 60°C	73.124
pH, 1% in IPA / Water	6 - 8
Avg. EO Content, moles	25
Avg. EO Content, Wt. %	76.5
Free EO, ppm	< 1
HLB, calculated	15.3

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For detailed safety and handling information regarding these products, please refer to the respective Sasol North America Material Safety Data Sheet.

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