

NOVEL® 23E30 Ethoxylate

Technical Data Sheet

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Description

Sasol North America Inc.'s NOVEL® 23E30 Ethoxylate is a biodegradable nonionic derived from SAFOL® 23 Alcohol and ethoxylated to an average of 30 moles of ethylene oxide. This ethoxylate is made using Sasol North America Inc.'s patented NOVEL® technology, which yields products with lower free alcohol, PEG levels, and melting ranges when compared to the traditional base-catalyzed methods. It is essentially 100% active unless diluted with water. It is a white solid that is readily soluble in water.

Applications

NOVEL® 23E30 Ethoxylate can be used in a wide variety of applications. It can be used as a high quality, biodegradable emulsifier, foaming agent, and/or cleaner in a wide variety of household, as well as, industrial cleaning products. It can also be used in such industrial applications as textile and leather processing, plastics additives, and paints and coatings.

Properties

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

Contact Information

For technical information or samples:

Sasol North America

Product Steward

2201 Old Spanish Trail

Westlake, Louisiana 70669

Telephone: (337)494-4133

Fax: (281)368-0819

TDS.ProductSteward@us.sasol.com

For sales and pricing information contact a sales representative at:

Sasol North America

900 Threadneedle

Houston, TX 77079-2990

Telephone: (281)588-3000

Fax: (281)368-1531

info@us.sasol.com

Typical Properties	NOVEL® 23E30
Average Molecular Wt	1512
Color, APHA	< 150
Hydroxyl Number	33 - 41
Water, Wt %	< 0.5
Glycol, Wt %	< 1
Free Alcohol, Wt%	< 0.5
Density, g/mL @ 50°C	1.051
Flash Point (PM), °C (°F)	>204 (>400)
Cloud Point, 5% Saline, °C (°F)	75 (167)
Melting Point, °C (°F)	45 (113)
Viscosity, cSt @ 100°C	22.4
pH, 1% in IPA / Water	6 – 8
Vapor Density	52
Avg. EO Content, moles	30
Avg. EO Content, Wt %	87.3
Free EO, PPM	< 1
HLB, calculated	17.5

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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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