

SAFOL® 23E9 Ethoxylate

SASOL
reaching new frontiers



Technical Data Sheet

Description

Sasol North America Inc.'s SAFOL® 23E9 Ethoxylate is a biodegradable nonionic derived from SAFOL® 23 Alcohol and ethoxylated to an average of 9 moles of ethylene oxide. It is essentially 100% active unless diluted with water. It is a slightly hazy liquid that is readily soluble in water.

The narrow range, or "peaked," version ethoxylates made using Sasol North America Inc.'s patented NOVEL® technology are also available.

Applications

SAFOL® 23E9 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, paints and coatings, pulp and paper processing, metal cleaners, car wash products, agricultural adjuvants, and circuit board cleaners.

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	SAFOL® 23E9
Average Molecular Wt.	589
Color, APHA	< 50
Hydroxyl Number	92 – 102
Water, Wt %	< 0.1
Glycol, Wt %	< 2
Free Alcohol, wt%	< 1
Density, g/mL @ 30°C	1.001
Flash Point (PM), °C (°F)	>200 (>400)
Cloud Point, 1% in H ₂ O, °C (°F)	75 – 85 (167 – 185)
Melting Range, °C (°F)	17 – 22 (67 – 72)
Boiling Point, °C (°F)	> 260 (> 500)
Viscosity, cSt @ 40°C	37
pH, 1% in IPA / Water	6 – 8
Vapor Density	20
Avg. EO Content, moles	9
Avg. EO Content, Wt. %	67
Free EO, PPM	< 1
HLB, calculated	13.5

NOVEL and SAFOL are registered trademarks of Sasol North America Inc.

The preceding data is based on tests and experience, which Sasol North America believes reliable, and is supplied for informational purposes only. Sasol North America expressly disclaims any liability whatsoever for damage or injury which results from the use of the preceding data and nothing contained therein shall constitute a guarantee, warranty, or representation (including freedom from patent liability) by Sasol North America with respect to the data, the product described, or its fitness for use for any specific purpose, even if that purpose is known to Sasol North America.

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

7/19/13