



Flexisurf™ 66H

Anionic Hydrotrope

Overview

- Anionic surfactant
- Readily biodegradable
- Surface Tension for 1% at 25°C:
44.5 dyne/cm (at pH 7)
44.1 dyne/cm (at pH 12)
- Chemically stable in acidic and alkaline solutions as well as with anionic & nonionic surfactants
- Provides high cloud point

Technical Information

Flexisurf 66H is a foamable hydrotrope and surfactant solubilizer for low & medium built detergents.

This product is soluble in water, alcohols, & glycols. It is insoluble in aromatic, chlorinated, and aliphatic hydrocarbons, as well as oils & solvents.

Formulary

Starting point recommendation of 1-2% (as-sold) in formulation.

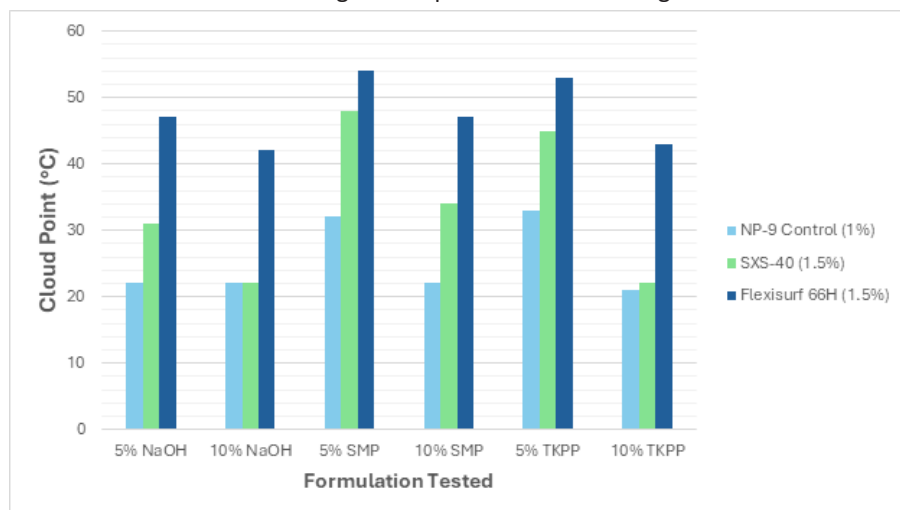
Typical Properties*

PROPERTY	VALUE
Appearance	Clear liquid, Colorless to lt. yellow
Gardner Color	Maximum of 4
pH (5% in water)	8 to 9
Water solubility	Soluble
Ionic Character	Anionic
Viscosity @25°C	< 200 cps
Density @25°C	1.20 to 1.25 g/ml
Boiling Point	Approx. 100°C
Flash point	Non-combustible
Storage	Store at <50°C (122°F)
Shelf life	12 months

Ross Miles Foam Test Data:

Time (seconds)	Modified Ross Miles Data (mL)					
	1% in Water		2% in 5% NaOH		1% in 5% Phosphoric Acid	
	SXS-40	Flexisurf 66H	SXS-40	Flexisurf 66H	SXS-40	Flexisurf 66H
0	5	163	6	330	3	11
30	0	24	0	254	0	0
60	0	15	0	207	0	0
120	0	11	0	71	0	0
180	0	9	0	31	0	0
300	0	8	0	14	0	0
600	0	8	0	11	0	0

Flexisurf 66H maintains high cloud point in alkaline & high salt conditions.



Whether you are looking for a replacement product or an ingredient for a specific attribute, give us a call. We can provide assistance based upon your particular formulation requirements and composition. Please feel free to contact us.

* Typical Properties do not represent specifications.

Applications

- Surfactant solubilizer for detergents
- Foaming hydrotrope
- HI&I applications

Packaging and Handling

Flexisurf 66H is available in:
275 gallon totes
55 gallon plastic drums

Refer to the Safety Data Sheet (SDS) for information on the safe use, handling, and disposal of this product.

DOT Classification: Non-Regulated

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This information relates only to the specific material referred to herein and not to its use in combination with any other material or in any process, unless explicitly stated herein. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled; however, no warranty, guarantee or other representation is made as to its accuracy, reliability, or completeness, or regarding any liabilities arising from others' intellectual property rights. ID# 20241114D

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