







StarSil AC 1083

Product Description:

StarSil™ AC 1083 is a new highly efficient silicone-antifoam compound. StarSil AC 1083 is a nonaqueous solvent free 100% silicone base with improved long term foam control efficiency. It was especially developed for use in a wide range of industrial applications ranging from pulp processing, textile dyeing, and waste water treatment. StarSil™ AC 1083 has significant foam knock down and excellent sustaining antifoam performance.

Product Attributes:

- -Free rinsing (when emulsified efficiently)
- -Long-lasting defoaming & antifoaming properties
- -Nonionic

Regulatory Status

FDA:

- -21 CFR 176.210
- -21 CFR 176.170
- -21 CFR 176.180

EPA: The ingredients are exempt from tolerances listed below:

- -40 CFR 180.910
- -40 CFR 180.920
- -40 CFR 180.960

Product Applications:

StarSil™ AC 1083 acts primarily as an antifoam base for formulated defoamers and antifoams that can be added at various stages during pulp manufacturing. When emulsified StarSil AC 1083 rinses clean and does not have the detrimental effect of silicone deposits and residues.

Typical Properties:

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Appearance	Off-white viscous liquid
Viscosity	~3,500 cp
pH (100%)	~8.0
% Activity	100%
Solubility in Water	Insoluble

Other Information:

Standard Packaging	Drum: 440 lbs / Tote: 2200 lbs
International Inventories	USA (TSCA), Canada (DSL), Europe (EINICS), Korea (ESL), Japan (ENCS), Australia
	(AICS), Philippines (PICCS), China (IECSC), and New Zealand (NZIoC)
Biodegradability	Not Biodegradable
Toxicity	StarSil AC 1083 is considered nontoxic

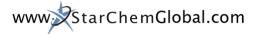
Emulsifier Recommendations

Emulsifier to Compound Ratio: 1:4 / (HLB: 11 to 13)

Tween 80 and 85 Polysorbate 60 SMS, MS-40, MS 20

Storage Conditions:

StarSil™ AC 1083 has a shelf life of at least twelve months from the date of delivery; if stored in original, unopened containers at temperatures not exceeding 40°C. Continued storage beyond the designated shelf life does not necessarily mean the material cannot be used. However, renewed testing of the most important properties is imperative.



To request a sample:

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