

FLOC A2080 Settling Aid

FLOC A2080 is a combination of organic and inorganic coagulants that removes solids from liquid systems, such as grinding fluids and synthetic machining fluids, without the need for two separate materials.

Because FLOC A2080 reduces the amount of particle buildup, fewer particles are deposited on machinery.

FLOC A2080 can effectively flocculate various substrates, including glass, natural and engineered stone, ceramics, and quartz. It has also been used in oil separation.

Concentrations – FLOC A2080 should be added in its concentrated form. Recommended addition of FLOC-A2080 is 200 to 600 ppm depending on the TSS load.

pH Stability – FLOC A2080 has a moderately acidic pH. Overuse can adversely affect coolant system pH.

Corrosion Control – Unlike some inorganic, strongly acidic flocculants, FLOC A2080 is not corrosive to aluminum or ferrous metals found in coolant systems.

Low Operating Cost – FLOC A2080 provides superior flocculation at lower dosing levels than other inorganic coagulants.

Shelf Life – As supplied: 6-9 months; feed solution: 6-9 months.

Health and Safety – FLOC A2080 exhibits very low toxicity and does not present any unusual handling or usage problems. Detailed handling information and precautions are listed in the MSDS.

Typical Properties

Appearance	Clear amber liquid
Solids Content	~50%
Specific Gravity	1.22-1.24
Solution pH	4-7

Packaging – FLOC A2080 is supplied in 550 lb (200 L) plastic drums and 50 lb (20 L) plastic pails.

Spills – FLOC A2080 spills should be contained and disposed of in accordance with local regulations. Discharge of FLOC A2080 or solutions of FLOC A2080 to waterways should be avoided because some polymeric products can have an adverse effect on the mucous membranes on fish gills. Solutions of FLOC A2080 are very slippery.

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

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