kemira

KEMIRA SternPAC

Polyaluminum Chloride

KEMIRA SternPAC is a high performance liquid polyaluminum chloride coagulant that generally offers superior clarification in either potable or wastewater. The aluminum in KEMIRA SternPAC is highly charged, enabling less of it to do more. Advantages available to many end users are ***Reduced Sludge, Minimized pH Adjustment, Longer Filter Runs, Superior Finished Water Quality, and Optimized Cold Water Performance****. KEMIRA SternPAC is especially designed to achieve extremely high levels of turbidity removal.*

PRODUCT SPECIFICATION;

Appearance	Clear Amber Liquid
Aluminum (Al)	5.4 ± 0.16%
Al_2O_3	10.2 ± 0.3%
Basicity	50 ± 5%
Specific Gravity (20°C) (kg/L)	1.205 ± 0.003

TYPICAL;

Iron (Fe^{tot})	< 0.05%
pH (25°C)	2.6 ± 0.3
Sulfate (SO_4)	2.95 ± 0.4%
Viscosity (20°C)	7 ± 3 cP
Freezing Point	-12°C / 10°F

CERTIFICATION / APPROVAL

KEMIRA SternPAC meets or exceeds all **AWWA** standards for polyaluminum chlorides and is **NSF/ANSI Standard 60** certified for use in potable water treatment up to 250 mg/l.

DOSING

KEMIRA SternPAC should be fed straight without dilution. A diaphragm, metering pump of non-corrosive material is suitable.

STORAGE

Storage tanks and piping should be constructed of suitable non-corrosive material such as fiberglass or cross-linked polyethylene. KEMIRA SternPAC is mildly corrosive and will attack most metals over a period of time. KEMIRA SternPAC has a recommended shelf life of 12 months. As with any chemical, it is recommended to clean the storage tank every year.

HANDLING / SAFETY

The handling of any chemical requires care. Anyone responsible for using or handling KEMIRA SternPAC should familiarize themselves with the full safety precautions outlined in our Material Safety Data Sheet.

DELIVERY

Shipping Instructions; Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, UN 3264, P.G. III

CUSTOMER SERVICE

If you have any questions concerning this material, please contact our Customer Service Department.

US;

Lawrence, KS	(800) 879-6353

Canada

Varennes, QC	(800) 465-6171

Kemira Water Solutions, Inc., and Kemira Water Solutions Canada, Inc. provide the foregoing information in good faith and make no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Kemira Water Solutions, Inc., and Kemira Water Solutions Canada, Inc. make no representations or warranties, either expressed or implied, including without limitation any warranties of merchantability or fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Kemira Water Solutions, Inc., and Kemira Water Solutions of Canada, Inc. disclaim responsibility for damages resulting from use or reliance upon this information.

CLEAN WATER IS OUR LIFE

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