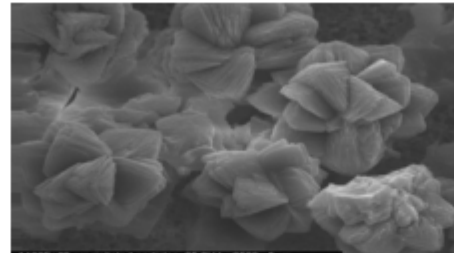




**atA-F101-Flocculant/Coagulant**



**FEATURES AND ADVANTAGES**

- Flocculant/coagulant blend for turbidity & color reduction. Designed for use upstream of RO membranes .
- Flocculant/coagulant blend designed for use with Reverse Osmosis (RO) pretreatment equipment
- Enhances multimedia and cartridge filter performance resulting in reduced turbidity and color for better quality RO feed water
- Economical to use because of its low dosage requirements
- Contains 8% soluble ferric ion blended with a low charge- density organic polymer
- Compatible with polyamide and cellulose acetate membranes
- Effective over a wide pH range, but should be applied at a pH < 7 to minimize ferric ion carryover

**TYPICAL PROPERTIES**

Appearance.....	Dark brown liquid
Odor.....	Characteristic odor
pH (as is) @ 25°C.....	≤2.0
Solubility in water.....	Complete
Specific Gravity.....	1.20±0.05(g/cm <sup>3</sup> )

**CHEMICAL FEEDING AND CONTROL**

May be dosed anywhere between 1 to 30ppm based on jar testing results. atA-F101 is acidic and can lower the pH of the feed water if there is insufficient alkalinity (minimum 0.25 ppm alkalinity per 1 ppm of atA-F101 dosed). Significant overdosing may result in ferric ion carryover, and can result in a net dispersion effect of the suspended solids – dosage should be maintained based on jar testing results. If there are any questions, please contact American Water Chemicals for specific dosing instructions.

Should be fed neat if possible. If a dilution is necessary, dilute no more than 4 to 1 with RO permeate or DI water. Should be injected at least 15 feet (5m) upstream of multimedia or cartridge filters to allow for sufficient mixing and coagulation. Do not use static mixers ahead of the filters as the shear imparted by this equipment will degrade the polymers contained in this formulation.

**SAFETY AND HANDLING**

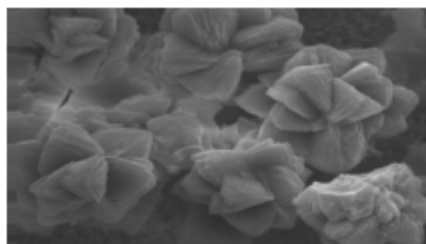
Store in a cool area and protected from freezing. If freezing occurs, the product should be thawed completely and agitated prior to subsequent use. The shelf life of atA-F101 is 2 years when stored at temperatures between 5 and 30°C. For more information, see the Safety Data Sheet provided with this product.

**PACKAGING**

atA-F101 is packaged in 25 KG non-returnable plastic drums.



## atA-F101-絮凝剂



### 描述与使用

絮凝剂/混凝剂用于降低浊度和颜色，设计用于反渗透膜的上游。

用于反渗透预处理设备的絮凝剂/混凝剂。

提高多媒体和盒式过滤器的性能，从而降低浊度和颜色，以获得更好的反渗透给水质量经济的使用。

含有 8% 的可溶性铁离子，可与低电荷密度的有机聚合物混合。

与聚酰胺和醋酸纤维素膜兼容。

在较宽的 pH 值范围内有效，但应在 pH < 7 时使用，以尽量减少铁离子结转。

### 典型性状

外观.....	暗褐色液体
气味.....	特征性气味
pH@(25°C).....	≤ 2.0
溶解性.....	完全溶解
密度.....	1.20±0.05(g/cm <sup>3</sup> )

### 化学制剂添加与控制

根据 jar 测试结果，可以在 1 - 30ppm 之间的任何地方使用。atA-F101 是酸性的，如果没有足够的碱度，可以降低水的 pH 值(每 1ppm atA-F101 的最低碱度为 0.25 ppm)。过量使用可能导致铁离子结转，并可能导致悬浮物的净分散效果——根据 jar 测试结果，应保持用量。如有任何疑问，请与澳洲未池有限公司联系，了解具体剂量说明。

如果可能的话，应该清洗干净。如果需要稀释，用 RO 渗透水或 DI 水稀释不超过 4 比 1。应注入至少 15 英尺(5 米)以上的多媒体或墨盒过滤器，以便充分混合和凝固。不要使用过滤器前的静态混合器，因为该设备产生的剪切力会降解该配方中所含的聚合物。

### 安全和操作

atA-F101 吞食可能有毒。与眼睛接触会引起严重刺激或灼伤以及不可逆转的眼睛损伤。操作本产品时，建议使用护目镜或面罩和橡胶手套。有关更多信息，请参阅提供的安全数据表 (MSDS) 使用本产品。

### 包装

atA-F101 以 25 公斤不可返还塑料桶包装。