

αtA-M4000 -Membrane Antiscalant-High CaS04

ADVANTAGES

- αtA-M4000 is designed to inhibit inorganic scale formation in membrane separation processes.
- αtA-M4000 stops crystal growth of Calcium Sulfate scale. CaS042(H20) scale is extremely difficult to remove once it has formed on an R.O membrane.
- αtA-M4000 controls Calcium Carbonate scale formation without acid up to an LSI of 2.6.
- αtA-M4000 often surpasses the performance of other antiscalants under stressed conditions of high pH because of its better tolerance for hardness.
- αtA-M4000 effectively stabilizes metal ions to prevent fouling of the membrane.
- αtA-M4000 is environmentally compatible, especially where discharge of waste into the environment is a concern.

TYPICAL PROPERTIES

Appearance.....	Clear yellow to amber liquid
Odor.....	Characteristic Odor
Solubility in water.....	Complete
pH(as is) @25 °C.....	2-3
Specific Gravity.....	1.10±0.03(g/cm ³)

SAFETY AND HANDLING

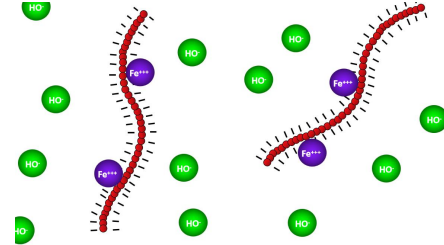
Store in a cool, dry place. In accordance with good safety practice , handle with care and avoid contact with eyes and prolonged or repeated contact with skin . For more information , See the Material Safety Data Sheet provided with this product.

CHEMICAL FEEDING AND CONTROL

αtA-M4000 is normally fed continuously prior to the final cartridge filter . It should be injected by chemical dosing pump from a dilution tank or directly from the drum to the feed water line . The amount of αtA-M4000 required to inhibit scale formation depends on the quality of feed water and size of the membrane system .The specific dosage rates will be specified by your αtA technical representative.

PACKAGING

αtA-M4000 is packaged in 25 KG non-returnable plastic drums.



atA-M4000-硫酸钙加强型

优点

atA-M4000 是一种硫酸钙加强型阻垢剂，用来防止膜分离过程中无机垢的形成。

atA-M4000 对于硫酸钙结垢倾向高的反渗透膜给水十分有效。

atA-M4000 CaSO₄·2(H₂O)垢一旦在膜表面形成，就极难去除。本型号阻垢剂可有效的防止硫酸钙晶体生长。

atA-M4000 在严酷的高 pH 值的情况下，经常超越其他防垢剂的表现。

atA-M4000 有效地稳定金属离子，防止膜的阻塞。

atA-M4000 对环境无不良影响，特别适用对废水排放有特殊要求的场所。

典型性状

外观	清澈黄色至琥珀色液体
气味	特征性气味
水溶性	完全溶解
pH@(25°C)	2-3
密度	1.10±0.03(g/cm ³)

安全和操作

贮存于阴凉干燥处。请根据良好的安全惯例，谨慎操作，防止眼部接触和过长的皮肤接触。更多信息参见与产品同时提供的材料安全数据单 (MSDS)。

化学制剂添加与控制

atA-M4000 通常被持续地加入最后一级保安过滤器的前端。本品应由稀释水箱或者包装桶通过制剂添加比例泵注入给水管道。抑制结垢形成所需的atA-M4000 剂量取决于给水质量和膜系统的规模大小。具体的控制范围将由技术人员制定。

包装

atA-M4000 以 25 公斤不可返还塑料桶包装。