

CT-3000

Antiscalent (reverse osmosis membrane)

Introduction

CT-3000 is a synergistic formula of different types of organic phosphonate, different types of phosphates, strong chelating agent and wetting agents.

CT-3000 designed to inhibit inorganic scale formation in membrane separation processes. Also effectively controls iron precipitation.

CT-3000 controls calcium carbonate, calcium sulfate. Metal oxides, Silica, Barium and Sodium Sulfate scales in waters with high fouling potential.

CT-3000 contain sanitizing agent to control biological growth in feed water. All chemicals used in the manufacture of **CT-3000** are NSF and UL approved.

Physical Properties

Appearance.....	Clear colorless to yellow liquid
S.G.....	1.08 ± 0.02
PH.....	less than 2
Flash Point.....	Nonflammable
Odor.....	Characteristic
Solubility.....	Completely soluble

Chemical Feed And Control

CT-3000 is normally fed continually 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 **CT-3000** required to inhibit scale formation depends on the quality of feed water and size of membrane system. The typical dosing rate is 2 ppm. but specific ranges will be specified by the technical representative.

Safety and Handling

In accordance with good safety practice, handle with care and avoid contact with eyes and prolonged or repeated contact with skin.

Storage

Store in a cool, dry and well-ventilated area, keep container closed after use.

Packing

CT-3000 is available in 25 kg plastic container.