

PermaTreat PC-191T



Benefits

- ▲ Highly effective scale inhibitor across broad spectrum of water qualities.
- ▲ Minimizes carbonate and sulphate scaling and cleaning costs.
- ▲ Replaces the need for acid dosing in many applications.
- ▲ Compatible with all types of membranes based on polyamide chemistries.
- ▲ Effective iron sequestrant.
- ▲ More stable and effective than sodium hexametaphosphate and most polymeric antiscalants.

Uses

- ▲ PermaTreat PC-191T is designed for use in RO systems as antiscalant.
- ▲ It contains patented TRASAR for optimum control on dosage to protect the system against under and overdosing.

Description

- ▲ PermaTreat PC-191T is a threshold agent able to stabilize a wide range of super saturated salt solutions.
- ▲ PermaTreat PC-191T contains TRASAR for improved reliability of scale control by assuring consistent dosing.

Dosage

- ▲ The required dosage of PermaTreat PC-191T will depend on water chemistry and site specific parameters.
- ▲ Your Nalco representative will recommend the optimum dosage necessary to ensure maximum program performance according to your specific system conditions.

Feeding

- ▲ PermaTreat PC-191T should be fed via a closed system.
- ▲ A closed system is defined as a system in which fluid is moved from a closed storage vessel into a treated media without exposure to the atmosphere except through normal venting or pressure relief devices.
- ▲ PermaTreat PC-191T should be fed continuously to minimize precipitation of scale and fouling of RO and nano-filtration membranes. It is recommended to operate the dosing pump with the highest possible frequency and to adjust the dosage by adjusting the pump stroke to ensure membrane protection.

Materials

- ▲ Storage and application equipment (pumps and lines) should be made of PVC, PE , Teflon or Stainless Steel.
- ▲ Do not use Aluminum, Brass or Carbon steel in contact with the neat product.

Handling

- ▲ As a standard precaution with all chemicals we recommend the use of protective equipment such as goggles and rubber gloves when handling chemical products.
- ▲ Consult the Material Safety Data Sheet as the only official source of Environmental and Safety information.
- ▲ The product can be stored at least 12 months from date of shipping if kept in it's original, unopened container and under normal warehouse conditions.
- ▲ Protect from freezing and from exposure to high temperatures.

Notes

- ▲ PermaTreat PC-191T is available in non-returnable containers and PORTA-FEED's of different sizes.
- ▲ If you need more information on this product, please call your nearest Nalco representative.



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