

WATER TREATMENT BIOCIDE

FlowEco 4444S is mainly used as a biocide to prevent bacteria and algae growing in the paper industry, industrial cooling water, air conditioning water, metalworking lubricants, water emulsion, pulp, lumber, plywood, and paint, as well as fiber. It can be dosed continuously in industrial reverse osmosis systems to prevent the growth of bacteria and can be used for the disinfection and storage of membranes. It has proven efficacy against pathogenic microorganisms including Legionella. It can penetrate the cytocyst of microbes quickly and kill them by reacting with some proteins in it, stopping the Redox of cells.

FlowEco 4444S

BENEFITS

- Highly effective biocide.
- Maintains water systems free of biological activity.
- Low dose rates, cost effective.
- Application based on an extended field experience.
- Stable in the presence of chlorine and other biological activity.
- Fast acting.
- Low toxicity and easily decomposes in nature.

GENERAL SPECIFICATIONS

Appearance	: Clear yellow
pH (as supplied)	: 2-5
Specific Gravity	: 1.05 -1.15
Solubility in Water	: Miscible in all proportions

TREATMENT AND DOSAGE REQUIREMENT

FlowEco 4444S is dosed into the feed water using a chemical dosing pump. Field experience and studies has shown that **FlowEco 4444S** is considerably more effective than any other compatible biocide in the market.

PACKAGING

FlowEco 4444S is supplied in 25 kg drums.

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SAFETY

This product is acidic and corrosive to body tissue and must be handled with great care. Skin and eye contact must be avoided and gloves and goggles should be worn, along with protective overalls and apron when handling the product or solution containing the product.

GENERAL SAFETY INSTRUCTIONS:

- Do not store with Alkalis or oxidizing agents.
- Ensure that the operator is fully informed and familiar with the use of the product.
- Avoid ingestion of the product by mouth and nose. To eliminate the possibility of accidental ingestion, operator should never eat, drink or smoke when using chemicals. In addition, protective clothing should be removed, and the hands washed prior to eating, drinking or smoking.
- Store in the original containers and ensure that the cap is always secure.
- Do not store in temperatures above 40°C or below 0°C for extended periods.
- Do not stack more than two high for prolonged periods.
- Avoid storing near direct heat and in direct sunlight.