



# PRODUCT BULLETIN

## ASR BIOCIDE OX

### RESERVE OSMOSIS BIOCONTROL ADDITIVE

#### GENERAL DESCRIPTION

**ASR BIOCIDE OX** is a fast acting, oxidizing, anti-microbial formulation with a broad spectrum of activity developed to control planktonic and sessile micro-organisms which form as biofilms in membranes and pre-treatment systems. **ASR BIOCIDE OX** is compatible with polyamide RO and NF membranes and can be used with other ASR products as part of a routine cleaning program.

#### PRINCIPAL USES

With biologically and organically fouled membranes it is recommended that the foulant be removed before using low pH cleaning treatments. **ASR BIOCIDE OX** can be used to remove biofouling on a once through or recycle basis. With lightly fouled membranes and pre-treatment plant. **ASR BIOCIDE OX** may be applied directly to the feed water.

#### PRODUCT BENEFITS

- Fast acting
- Broad spectrum of activity
- Readily degraded to inactive and harmless by-products
- Compatible with most membrane types

#### DOSAGE & FEEDING

The dosage of **ASR BIOCIDE OX** very much depends on the severity of biofouling and the type of application. Specific cleaning procedures for fouled membranes are available.

Your **ASR** representative will recommend the optimum dosage necessary to ensure maximum program performance according to your specific system parameters.

**ASR BIOCIDE OX** is either continuously or slug-fed, depending on its application.

**MATERIALS:** Storage and application equipment (pumps, lines) should be made of PE, PP, PVC, PTFE, Hypalon, Plasite 6000, Vinyl, Viton or Buna-N. Do not use Aluminum, Brass, Carbon Steel, Neoprene, PU, Stainless Steel 304 & 316, Plasite 7122 or Nickel in contact with the neat product.

#### HANDLING-STORAGE-SHIPPING

As a standard precaution with all chemicals we recommend the use of personal protective equipments such as goggles and rubber gloves when handling. Consult the Material Safety Data Sheet as the only official source of Environmental and Safety information.

**ASR BIOCIDE OX** can be stored for at least 24 months from date of shipping if kept in its original, unopened container and under normal warehouse conditions. Protect from freezing and from exposure to high temperature.

**ASR BIOCIDE OX** is available in non-returnable containers of different sizes.