



# PRODUCT BULLETIN

## ASR OPTITREAT 449

### SCALE AND CORROSION INHIBITOR

#### GENERAL DESCRIPTION

**ASR OPTITREAT 449** is a liquid blend of organic scale inhibitor dispersants.

#### PRINCIPAL USES

**ASR OPTITREAT 449** is a multifunctional product designed for maintaining clean heat transfer surfaces in industrial cooling water systems. This unique blend is formulated to inhibit the formation of mineral scales and provide dispersancy for mud, silt and other suspended solids.

#### PRODUCT BENEFITS

- Prevents mineral scale formation
- Disperses silt and other suspended solids
- Helps maximize heat transfer
- Extends equipment life and reduces maintenance costs

#### DOSAGE

The specific dosage of **ASR OPTITREAT 449** varies depending on the operating characteristics of your system and the water chemistry.

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

#### FEEDING

**ASR OPTITREAT 449** should be fed neat or in any convenient dilution with soft water to a location in the system where it will be uniformly mixed and thoroughly distributed. **ASR OPTITREAT 449** must be fed continuously; any interruption in feed will result in scale and deposit formation and possible tube failure.

MATERIALS: Storage and application equipment's (pumps, lines) should be made of stainless steel 304 and 316, PE, PP, PVC, Plexiglas, Teflon, PVDF or Viton.

#### HANDLING-STORAGE-SHIPPING

As a standard precaution with all chemicals, we recommend the use of personal protective equipment's 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 OPTITREAT 449** 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 OPTITREAT 449** is available in non-returnable containers of different sizes.

#### REMARKS

If you need assistance or more information on this product, please call your local supplier.