



## **PRODUCT BULLETIN**

# **ASR BIOCID 90001**

## **ALGAECIDE / SLIMICIDE**

### **PRODUCT BENEFITS**

- \* Broad - spectrum formula – designed to control algae and bacteria:
  - increase system efficiency
  - minimize repair and maintenance costs
  - avoid unsightly visible contamination
- \* Helps reduce overall biocide treatment costs
- \* Functions over a wide pH range, either with or without halogens present, to ensure effective algae control in broad range of applications
- \* Helps reduce bacterial growth by minimizing nutrients that are produced from algae
- \* Effective dispersant – can penetrate and remove slime deposits

### **PRINCIPAL USES**

ASR BIOCID 90001 is an organic compound formulated for use in the control of algae and bacteria in recirculating cooling water systems, such as encountered within industrial as well as Commercial building applications. Bacteria and algae can produce an environment in which series corrosion and fouling take place. The product can aid in cleaning and loosening slime deposits from cooling water system.

### **GENERAL DESCRIPTION**

Refer to the Material Safety Data Sheet for typical physical and chemical properties.

### **DOSAGE**

The specific dosage of ASR BIOCID 90001 will vary depending upon the operating characteristics of your system and the severity of problems encountered. Your ASR representative will recommend the optimum dosage necessary to ensure maximum program performance in your system.

### **MATERIALS COMPATIBILITY**

Compatible Material:

Plastic – PVC/Polyethylene/Polypropylene/Vinyl ester/Kynar/Kalrez Stainless steel 316L

Non-compatible Material: Natural rubber/Neoprene/Buna-N/Viton

## **PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE	Liquid
APPEARANCE	Clear colorless to light yellow
FLASH POINT	66 °C
pH	9.0
SPECIFIC GRAVITY	0.94 - 0.98 @ 25 °C
FREEZING POINT	-6 °C
BOILING POINT	72 °C

## **ACTIVE INGREDIENTS**

Quaternary ammonium chloride, Water

## **FEEDING**

ASR BIOCIDE 90001 should be fed neat to a location in the system where it will be uniformly mixed and thoroughly distributed. ASR BIOCIDE 90001 is non-corrosive to materials normally used in feeding systems. Stainless steel 316L and plastic feeding equipment are recommended.

## **HANDLING**

Refer to the ASR BIOCIDE 90001 Material Safety Data Sheet (MSDS) for complete handling information before using this product.