



**AES ARABIA LTD**

Environmental & Process Engineering



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## **PRODUCT DATA**

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### **AES-1561M COOLING WATER MICROBIOCIDE**

#### **DESCRIPTION AND USE**

AES-1561M is a concentrated Dispersant for use in recirculating cooling water systems. The product is effective over a wide pH range for control of inorganic as well as biological deposits in cooling water systems. AES-1561M effectively disperses air borne dust and debris, silt, iron, small concentrations of oil and other organic and biological material. It is compatible with most water treatment formulations.

#### **CHEMICAL FEEDING AND CONTROL**

AES-1561M is normally fed continuously to the system to be treated. The effectiveness of chlorine is maximized with the use of AES-1561M since AES-1561M also aids in continuous removal of deposits. AES-1561M can be dosed using a suitable metering pump. The product should be added to the system at a point where rapid mixing will occur.

#### **TYPICAL PROPERTIES**

Appearance: Clear colorless to pale yellow liquid  
Odor: Mild characteristic  
Specific Gravity: 1.14 - 1.17  
pH: 3.0-5.0

(All values approximate)

#### **SAFETY AND HANDLING**

DO NOT TAKE INTERNALLY. If ingested, drink several glasses of milk, egg whites, gelatin solution or water. DO NOT induce vomiting. GET IMMEDIATE MEDICAL ATTENTION. Contact with eyes causes irritation. If eyes are contacted, immediately flush with clear water for 15 minutes and if irritation persists, get medical attention. If skin is contacted, immediately wash with soap and water. Change and launder contaminated clothing before reuse. The use of goggles or face shield and rubber gloves when handling this product is recommended. For more information, consult the Material Safety Data Sheet provided with this product.

#### **PACKAGING**

AES-1561M is packaged in 200 and 25 liter (nominal volume) non-returnable plastic drums.

# AES TREATMENT PROGRAMS & SERVICES

## Cooling Water Treatment Programs

Corrosion Inhibitors  
Antiscalants & Antifoulants  
Biocides  
Antifoams

## Boiler Water Treatment Programs

Oxygen Scavengers  
Corrosion Inhibitors ( Pre-Boiler, Boiler and After  
Boiler)  
Deposit Inhibitors ( Sludge Conditioners)  
Antifoams  
Alkalinity Builders

## Potable Water Treatment Programs

Corrosion Inhibitors  
Deposit/ Scale Inhibitors  
Disinfectants

## Fuel Treatment (Solid & Liquid)

Deposit/ Corrosion Inhibitors  
Combustion Catalysts

## Coagulants & Flocculants

Organic & Inorganic

## Odor Control Programs

Masking Agents  
Reactive Odor Control  
Enzymes

## Hard Surface Cleaners

General Purpose Cleaners  
Descalers  
Neutralizers

## Brewery & Bottling Plants

Pasteurizers  
Bottle Washers  
Conveyer Chain Lubricants

## Metal Treatment Chemicals

Cutting Lubricants  
Degreasers  
Passivators  
Phosphatizing Chemicals  
Electroplating Chemicals

## R.O. Water Treatment

Scale Inhibitors  
Membrane Cleaning Chemicals  
ANSI/ NSF Approved Antiscalants

## Thermal Desalination Treatment

Scale and Corrosion Inhibitors  
Antifoams  
Descalers

## Steam & Condensate Programs

Corrosion Control  
USDA/ FDA Approved Additives

## Raw Water & Wastewater Programs

Coagulants      Odor control  
Flocculants      Enzymes  
Disinfectants    Bacterial Spores  
Antifoams      Emulsion Breakers

## Process Treatment Programs

Specialty Chemical Additives

## Commercial Laundry Chemicals

Built Detergents  
Emulsifiers  
Fabric Softeners  
Peroxide Bleach  
Chlorine Bleach  
Scoring Agents

## Services

Technical & Engineering Consultations  
Analytical Services  
Ion Exchange Resins Evaluation  
Reverse Osmosis Cleaning

## Equipment Supply

Water & Wastewater Treatment Plants  
Filters, Pumps  
Tanks  
Chemical Feed Systems  
PH Controllers  
Blow down Controllers  
Automatic Control Systems  
SCADA

Manufactured in the Kingdom of Saudi Arabia by :

The logo for AES, featuring the letters 'AES' in a bold, italicized, red font with a white outline.

## **AES ARABIA LTD**

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