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## PRODUCT DATA

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### AES-3030F HIGH TEMPERATURE ANTIFOAM

#### DESCRIPTION AND USE

AES-3030F is formulated as a specific, high temperature Stable antifoam designed for use in water systems (boilers, process hot water systems, etc.) operating at elevated temperatures (>60°C, 140°F). Apart from boiler the product may be used in MBR & sewage treatment plant for foam control.

When added to the system to be treated, it will both act as a defoamer and also have a residual effect to minimize recurrence of the foaming. The product is biodegradable and non-hydrocarbon, which makes it ideally suited for these applications.

#### CHEMICAL FEEDING AND CONTROL

AES-3030F is normally fed continuously to the system being treated. It can be mixed with most boiler water treatment chemicals which have been diluted to normal feed strengths; i.e. <10%. Normal materials of construction are satisfactory for the chemical feed system.

AES-3030F feed rate is based on feed water flow/steam production or proportional to the feed of another chemical as no convenient field test is available. The specific feed rate will vary depending upon system operating conditions and will be specified by the technical representative servicing the facility.

#### TYPICAL PROPERTIES

Appearance: Colorless or Yellow To Milky Off-White Liquid  
Odor: None  
Flash Point: None  
Specific gravity: 0.95.-1.02  
Freeze Point: <0°C(32°F)  
(All values approximate)

#### SAFETY AND HANDLING

AES-3030F may be toxic by ingestion. Do not take internally. If ingested, drink at least two (2) glasses of water. Do not induce vomiting or give anything by mouth to an unconscious person. Get 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. For skin contact, wash with soap and water. For additional information, the Material Safety Data Sheet is available on request.

#### PACKAGING

AES-3030F is packaged in 25 liter , 200 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, consisting of the letters 'AES' in a bold, italicized, red font with a white outline.

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