



AES ARABIA LTD

Environmental & Process Engineering



PRODUCT DATA

AES-3020F HIGH TEMPERATURE ANTIFOAM

DESCRIPTION AND USE

AES-3020F is formulated as a specific, high temperature antifoam designed for use in water systems (boilers, process hot water systems, etc.) operating at elevated temperatures (>60°C, 140°F). 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-3020F 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-3020F 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-3020F 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-3020F is packaged in 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.

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P.O. Box 105689, Riyadh 11656, Kingdom of Saudi Arabia

Phone: 966 1 4772398 Fax: 966 1 4785456

e-mail: info@aesarabia.com

www.aesarabia.com