



PRODUCT DATA

AES-A-327 SCALE INHIBITOR AND DISPERSANT

DESCRIPTION AND USE

AES-A-327 is a specifically designed antiscalant and dispersant for high temperature application. It is suitable for all types of seawater evaporation plants. AES-A-327 controls scaling of calcium and magnesium salts by threshold inhibition, crystal distortion and dispersion. The product is highly stable at the operating temperatures of typical seawater evaporation plants.

CHEMICAL FEEDING AND CONTROL

AES-A-327 is normally dosed continuously and proportionately to the amount of seawater going to the plant. It can be fed neat or as aqueous solution. The proper dosage of AES-A-327 is dependent on such factors as quality of the seawater feed, maximum brine temperature, fouling allowance and desired cleaning frequency. The specific control ranges will be specified by the technical representative servicing the facility. For dosing it is recommended to use corrosion resistant equipment.

TYPICAL PROPERTIES

Appearance - Clear Colourless To Pale Yellow or Amber liquid
Specific Gravity- 1.05 - 1.18
pH: Less than 3.0
(All values approximate)

SAFETY AND HANDLING

AES-A-327 may be toxic by ingestion. Do not take internally. If ingested, drink at least two glasses of water and get medical attention. Contact with eyes causes severe irritation and burns. If eyes are contacted, immediately flush with clear water for 15 minutes and 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-A-327 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

Environmental & Process Engineering

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

Phone: 966 11 4772398 Fax: 966 11 4785456

e-mail: info@aesarabia.com

www.aesarabia.com