



PRODUCT DATA

AES-A-382

STERILIZER SCALE INHIBITOR & DISPERSANT

DESCRIPTION AND USE

AES-A-382 is blend of low molecular weight polymer, organophosphonate and chelating agent

The product is designed to disperse and sequester hardness forming salt and corrosion products. AES-A-382 can be used in full water or half water autoclaves as well as pasteurizes plants with vapour or water that works with fresh water, circulation water, open or closed cooling system.

CHEMICAL FEEDING AND CONTROL

AES-382 is normally fed continuously. It should be injected by chemical dosing pump from a dilution tank or direct from the drum into the feed water line. The amount of AES-A-382 required to disperse scale forming salt depends on the quality of feed water. The technical representative will specify the specific control ranges.

TYPICAL PROPERTIES

Appearance: Clear Brown To Amber Liquid

Solubility: Completely soluble

pH (Undiluted): 8.0 to 8.6

Specific Gravity: 1.06 to 1.1

SAFETY AND HANDLING

Store AES-A-382 in a cool dry place. In accordance with good safety practice, handle with care and avoid contact with eyes and prolonged or repeated contact with skin. For more information, the Material Safety Data Sheet is available on request.

PACKAGING

AES-A-382 is packaged in 200 and 25 liter (nominal volume) non-returnable plastic drums.

Information given above may be amended without notice.
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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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