



PRODUCT DATA

AES-A-321A

DESCRIPTION AND USE

AES-A-321A is designed to represent one of the most effective dispersants during acid cleaning of water systems. It is designed to optimize the dispersion of calcium carbonate deposits, iron oxides and mangnous oxides. It helps in loosening of the deposits by crystal distortion and prevents redeposition of the removed deposits by keeping in dispersed form.

CHEMICAL FEEDING AND CONTROL

AES-A-321A is normally fed continuously during the cleaning operation. However shot feeding may be satisfactory in some circumstances. The product may either be fed neat directly from the shipping container or diluted with water and mixed in chemical feed tank. It is advisable to use polypropylene or HDPE for dosing system.

TYPICAL PROPERTIES

Appearance: Colorless to pale yellow liquid
Specific Gravity: 1.17 - 1.21
pH: Less than 3.0
Solubility: Completely Soluble
(All values approximate)

SAFETY AND HANDLING

Do not take internally. If ingested drink at least two glasses of water and get medical attention. Contact with eyes causes severe irritation or burns. For skin contact wash with soap & water. For additional information the Material Safety Sheet is available on request.

PACKAGING

AES-A-321A is packaged in 200 & 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

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