



PRODUCT DATA

AES-A-302M CHILLED WATER SYSTEM CORROSION & SCALE INHIBITOR

DESCRIPTION AND USE

AES-A-302M is a highly concentrated liquid blend of nitrite, molybdate, an azole yellow metal corrosion inhibitor and specialized Polymeric dispersants. It is specifically formulated for the treatment of closed recirculating water systems constructed of multiple metallurgy. The product is used at both low and high temperature systems. It may be used with either hard or soft water makeup and is compatible with glycol antifreezes.

The synergistic combination of corrosion inhibitors protects the system from all types of corrosion. Specialized polymer keeps all scale forming salts & suspended material in dispersed salts.

CHEMICAL FEEDING AND CONTROL

AES-A-302M is normally shot fed to the system to establish the desired treatment concentration. For most systems, either a shot or bypass feeder or dosing pump is usually used.

Treatment control may either employ the nitrite or molybdate test; whichever is more convenient for the plant. Treatment control ranges vary depending upon the system being treated and will be specified by the technical specialist servicing the facility.

TYPICAL PROPERTIES

Appearance: Clear Amber To Yellow
Liquid

Specific Gravity : 1.08- 1.18

pH: 10.0 to 12.0

(All values approximate)

SAFETY AND HANDLING

Do not take internally. If ingested, drink at least two glasses of water and if the patient is conscious, induce vomiting. Then get immediate medical attention. Contact with eyes causes irritation or burns. 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 (MSDS) is available on request.

PACKAGING

AES-A-302M is packaged in 200 and 25-liter (nominal volume) 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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