



PRODUCT DATA

AES-1200 CLOSED SYSTEM CORROSION & SCALE INHIBITOR

DESCRIPTION AND USE

AES-1200 is a highly concentrated liquid blend of alkaline buffers, nitrite, borate and an azole yellow metal corrosion inhibitor. It is specifically formulated for the treatment of closed recirculating water systems constructed of multiple metallurgies. The product is used in both low and high temperature systems as well as low-pressure boiler systems with limited makeup water. It may be used with either hard or soft water makeup and is compatible with glycol antifreezes.

CHEMICAL FEEDING AND CONTROL

AES-1200 is normally shot fed to the system to establish the desired treatment concentration. For most systems, either a shot or bypass feeder is usually used.

In case, Color changes of the product cannot be excluded the effectively will however not be impaired. Treatment control may either employ the nitrite or sodium nitrite 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 Pink To Red liquid
Odor: Practically none
Flash Point.: None
Specific gravity: 1.25-1.3
Ph: 11.0-13.0
Freeze Point : <0° C (32°F)

(All values approximate)

SAFETY AND HANDLING

Do not take internally. Do not induce vomiting. If ingested, drink at least two glasses of water and get medical attention. Contact with eyes causes severe irritation or 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-1200 is packaged in 200 liter 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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