



PRODUCT DATA

AES-D-427 MICROBIOCIDE

DESCRIPTION AND USE

AES-D-427 is a highly effective micro biocide for all types of systems like cooling towers, sewage treatment, swimming pools and water distribution. It is based on chlorine release compounds. The surfactant incorporated in the formulation helps chlorine penetrate the biomass. It also prevents and cleans the biological deposits in the system. The product is also useful for controlling algae, bacterial growth and slime in the treated water tank of the sewage treatment plant. This is a highly effective formulation where other products have failed or produced limited results. AES-D-427 can easily replace Calcium Hypochlorite.

CHEMICAL FEEDING AND CONTROL

AES-D-427 can be dosed directly in the system or made into a solution before dosing. The specific dosages will be specified by the technical representative.

TYPICAL PROPERTIES

Appearance: White To Off white
Granular Solid or Powder Solid with chlorine odor
Water Solubility: Completely soluble
(All Values are approximate)

SAFETY AND HANDLING

Store in a cool dry and well ventilated area. Keep containers closed. Avoid contact with skin, eyes and clothing. Wash contaminated cloths before re-use. Wash thoroughly after handling. Keep away from the children. Do not use the galvanized container for making the solution. This product should not be used for cleaning equipments having aluminium metallurgy.

PACKAGING

AES-D-427 is packaged in 45 or 50 Kg plastic containers.

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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