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## PRODUCT DATA

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### AES-A-915 COAGULANT

#### **DESCRIPTION**

AES-A-915 is a powder coagulant based on PAC, which works effectively as a primary coagulant in the clarification of water.

#### **ADVANTAGES**

Economical, Effective at low dosage levels resulting in reduced handling and storage costs.

Forms low volume sludge.

Requires less frequent sludge blow-down

Increases time between filter backwashes.

Effective over wide pH range and eliminates need for pH adjustment.

Removes turbidity from water

Immediately soluble in water at all concentrations

Improves solids capture and clarity of filtrate or supernatant

#### **PRINCIPAL USES:**

As a primary coagulant in influent and effluent treatment & paper industry

Can be applied in Gravity settling,

Clarifiers, Air Flotation separation, Direct

filtration - pressure and gravity, Drying

beds. Pre-treatment of water for

Reverse Osmosis, and Hyperfiltration

Treatment of effluent waters containing organic matter.

Improving clarity in settlement

operations Sewage sludge treatment

Swimming pool water

Potable water

#### **TREATMENT LEVELS**

The treatment levels depend on number

of factors such as nature and concentration of suspended particles, settling time, pH, temperature, etc., and the optimum dosage should be decided by actual trial.

#### **TYPICAL PROPERTIES**

Appearance: Yellow To Brown Powder

#### **APPLICATION**

The Solution should be Prepared & metered to the system using a corrosion resistant positive displacement pump at a suitable dilution. Dissolution is possible via in-line dilution with water.

#### **HANDLING**

The product has a low order of toxicity and is irritating to skin or eye. Consequently, normal measures of personal hygiene and plant housekeeping should be needed in handling these products. Spills should be flushed immediately with water.

#### **PACKAGING**

AES-A-915 is available in 25Kg Bag

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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