



**AES ARABIA LTD**

Environmental & Process Engineering



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## **PRODUCT DATA**

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### **AES-A-5082 pH Adjustment**



#### **DESCRIPTION AND USE**

**AES-A-5082** is a high quality liquid pH adjusting chemical with strong Buffering capacity. It could be used successfully in a broad range of applications in the municipal water and wastewater markets as well as in industrial processes, which require reliable, accurate dosing with safe and low maintenance feed equipment..

**AES-A-5082 is certified by NSF to NSF/ANSI standard 60 for use in Drinking Water R.O. Plants.**

#### **CHEMICAL FEEDING AND CONTROL**

**AES-A-5082** is normally fed continuously prior to the final cartridge filter. It should be injected by chemical dosing pump from a dilution tank or direct from the drum into the feed water line.

The specific dose will be specified by the technical representative and can also assist you in determining the appropriate dose rate for your system.

#### **TYPICAL PROPERTIES**

Appearance: Clear Colorless Liquid  
Stability: Excellent  
Solubility: Mixable in any proportion  
pH: 9.0 To 13.0  
Specific gravity: 1.15 – 1.20  
(All values approximate)

#### **SAFETY AND HANDLING**

Store in a cool dry place. In accordance with good safety practice, handle with care and avoid contact with eyes and prolonged or repeated contact with skin. For more information, the Material Safety Data Sheet is available on request.

#### **PACKAGING**

**AES-A-5082** is packaged in 200 and 25 liter (nominal volume) plastic drums.

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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