



PRODUCT DATA

AES-A-304 BOTTLE WASHING COMPOUND

DESCRIPTION AND USE

AES-A-304 is a formulated bottle washing compound which has the following capabilities:

- Improves washing efficiency by facilitating soil removal from bottles and by keeping the soil dispersed and suspended in solution.
- Controls metal contaminants in the early washing stages.
- Prevents scale build-up on the equipment.

CHEMICAL FEEDING AND CONTROL

AES-A-304 is normally fed to the initial stage of the Bottle Washer. Shot feeding can be applied in the Soaker Zone during turn around or change of wash dirty water.

AES-A-304 can be controlled with a simple drop test or Colorimetric method. The specific control ranges vary depending upon system operating conditions and will be specified by the technical representative servicing the facility.

When used for the cleaning of filtration equipment, a 5-10% solution is circulated through the filter.

TYPICAL PROPERTIES

Appearance: Clear Colorless to Amber Liquid

Odor: Slight odor

Boiling Point : 212°C

Specific Gravity: 1.15 - 1.2

pH: 8.0 -10.0

Solubility: Completely Soluble

(All values approximate)

SAFETY AND HANDLING

Store in a cool dry place. Keep containers tightly closed when not in use. Inhalation not considered a problem. Skin Contact: wash with soap and water. If irritation persists, get medical attention. Eye Contact: Immediately flush with clear water for 10 minutes and get medical attention.

PACKAGING

AES-A-304 is packaged in 200 and 25 liter (nominal volume) non-returnable 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

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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