
PRODUCT DATA

AES C-230 REVERSE OSMOSIS MEMBRANE CLEANER

DESCRIPTION AND USE

AES C-230 is a high strength liquid formulation specifically designed to remove colloidal foulants, organic, silt and biofilms from hollow fiber, ultrafiltration, polysulfone and polyamide thin film composite membrane surfaces. This advanced formulation contains detergent builders and dispersant. It can also effectively remove oil / grease deposits.

A highly effective formulation where other products have failed or produced limited results.

CHEMICAL FEEDING AND CONTROL

Make cleaning solution with potable water that is free from bacteria, residual chlorine or other oxidizing agents.

The solution is prepared by adding 3 - 4.0 Kg of AES C-230 for every 100 liters of water to be used (3 – 4.0 % W/V). The cleaning solution is then circulated throughout the system. Adjust the cleaning solution pH to about 10 - 11 using Hydrochloric acid or caustic if required. If pH drops below desired range, more AES C-230 should be added. The duration of the cleaning cycle depends on the quantity and nature of the fouling. Short periods of soaking are considered good practice for heavily fouled membranes.

TYPICAL PROPERTIES

Appearance: Clear Colourless to Yellow Liquid

Odor: Characteristic

Stability: Excellent

Solubility: Completely Soluble

pH (1 % Soln): 10 – 12

Specific Gravity : 0.99 to 1.09

(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. Avoid breathing dust. For more information, the Material Safety Data Sheet is available on request.

PACKAGING

AES C-230 is packaged in 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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