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## PRODUCT DATA

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### AES-2900 FUEL ADDITIVE COMBUSTION IMPROVER

#### DESCRIPTION AND USE

AES-2900 is developed especially for **industrial boilers** to maximize operational performance.

AES-2900 is specially synthesized to Improve combustion of fuel oil and to reduce particulate emission

The organo-metallic treatment is a direct solution to reduce black smoke, regain lost efficiency, reduce boiler cleaning frequency and meet environmental regulation. Specialized proprietary ingredient acts as a catalyst to reduce the self ignition temperature of carbon particulates so that they can burn completely. As a result of the treatment, excess air may be reduced for better performance without generating black smoke, overall boiler is cleaner and offers a greater availability, heat transfer surfaces are much cleaner and offer better efficiency. As a result corrosion problems are indirectly reduced by minimizing solid deposits inside the boiler.

AES-2900 is oil soluble fuel additive. Since it contains no suspended materials, it could either be added to the storage tank or fed directly “on line before burner”

#### TYPICAL PROPERTIES

Specific Gravity-1.00 to 1.12  
Flash Point (PM) - >62 Deg C  
Appearance – Dark Red Liquid  
Odor – Petroleum odor

#### DOSAGE

AES-2900 typical dosages are 1Kg / 9000Kg of fuel or 1 liter / 10,000 liter of fuel. Depending on operating conditions, these dosages might have to be adjusted. Only experience will tell us if such an adjustment is required.

#### SAFETY

Avoid contact with skin. In case of contact with skin wash with soap and fresh water.

Eyes: Irritating to eyes .In case of contact wash with water at least for 15 minutes

Skin: Irritating to skin. In case of contact wipe off and wash with soap and water.

Inhalation: Remove victim to fresh air. Do not swallow. If swallowed, and the victim is conscious, have victim drink milk or water. Do not induce vomiting. In case of leak or spill, cover with soil and wash with lot of water.

Product is stable under normal storage conditions. Store Storage drum under shade on wooden pallets and away from salts and water.

#### PACKAGING

AES-2900 is packaged in a 200 liter (nominal volume) non-returnable drum.

# 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.

## **AES ARABIA LTD**

Environmental & Process Engineering

P.O. Box 105689, Riyadh 11656, Kingdom of Saudi Arabia

Phone: 966 1 4772398 Fax: 966 1 4785456

e-mail: [info@aesarabia.com](mailto:info@aesarabia.com)

[www.aesarabia.com](http://www.aesarabia.com)