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## PRODUCT DATA

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### **AES-F-3032 ANTIFOAM**

#### **DESCRIPTION AND USE**

AES-F-3032 is formulated as specific, antifoam Silicone base for controlling foaming in food industries like finger chips, juice manufacturing industry etc.

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

The General Dosages of AES-F-3032 is 80 to 2000 mg/liter. AES-F-3032 is dosed at the point where foam is formed or point where mixing will take place.

The product can be dosed neat form the container or by diluting with water. The product forms Emulsion in the water. The procedure for emulsion preparation is as follows:

- 1) Add 50% of total required quantity of water in the day tank.
- 2) Start the mixer.
- 3) Add the required quantity of AES-F-3032 in the tank.
- 4) Add the remaining quantity of distillate water.
- 5) Continue agitation for 15-20 minutes.

The dosage of AES-F-3032, depends on the water quality, Potato or food variety, starch content coming in the water, and temperature of the water. The exact doses and location will be specified by the Technical Representative Servicing the facility

#### **TYPICAL PROPERTIES**

Appearance: Milky White To Off white  
Odor: Faint  
Specific gravity: 0.93-1.01  
pH- 4.0 -8.0  
(All values approximate)

#### **SAFETY AND HANDLING**

Do not take AES-F-3032 internally. If ingested, drink at least two (2) glasses of water. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. Contact with eyes causes irritation. If eyes are contacted, immediately flush with clear water for 15 minutes and if irritation persists, get medical attention. For skin contact, wash with soap and water. For additional information, the Material Safety Data Sheet is available on request.

#### **PACKAGING**

AES-F-3032 is packaged in 200 liter (nominal volume) non-returnable 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.

## **AES ARABIA LTD**

Environmental & Process Engineering

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

Phone: 966 11 4772398 Fax: 966 11 4785456

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

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