



PRODUCT DATA

AES-MT-709PD POWDER DEGREASER FOR METAL SURFACE TREATMENT

DESCRIPTION

AES-MT-709PD is Powder degreaser containing specialized surfactants. AES-MT-709PD is specifically designed for use in Cleaning and degreasing of metal surfaces before the surface is subjected to acid solutions for the operations of enameling, electroplating and powder coating. AES-MT-709PD is recommended in continuous strip lines with immersion coat for flow – coat application. It is effective on cold rolled steel coil stock and galvanized coated substrates.

CHEMICAL FEEDING AND CONTROL

AES-MT-709PD is normally added at a concentration of 4-8 % in hot water having temperature in the range of 70 – 90 Deg C. The contact time for achieving complete degreasing depends on the extent of oil/ grease/ dirt on the metal surface, water flow through spray nozzles etc., and ranges between 1 – 15 minutes. The concentration of AES-MT-709PD in the cleaning solution can be measured by simple titration. AES service representative will provide the details on application and monitoring of AES-MT-709PD for your system.

TYPICAL PROPERTIES

Appearance: Off White-to-White powder or solid
pH of 1% Solution: 10.0 to 13.0

STORAGE AND HANDLING

Store in cool and dry place. Do not store in direct sunlight. Do not mix with any other chemical other than that directly by the A.E.S.ARABIA Technical representatives. In case of Spillage wash the area with plenty of water. **Most of occasion bag become hard but are readily dissolving is water at use level without affecting performance.**

EFFLUENT TREATMENT

There are no polluting substances in AES-MT-709PD, but the alkali value of solutions is too high. Neutralization with acid and subsequent filtration may be required before the solution can be discharged to the drainage.

HEALTH AND SAFETY

AES-MT-709PD may be toxic by ingestion. Do not take internally. If ingested, drink at least two glasses of water and get medical attention. Contact with eyes causes severe irritation or burns. If eyes are contacted, immediately flush with clear water for 15 minutes and then get medical attention. For skin contact, wash with soap and water. For additional information, ask the Material Safety Data Sheet.

PACKAGING

AES-MT-709PD is packaged in 25 Kg bag.

(All Values approximate)

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



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