



PRODUCT DATA

AES-MT-702I IRON PHOSPHATIZING FOR METAL SURFACE TREATMENT

DESCRIPTION

AES-MT-702I is a liquid blend of inorganic phosphate with special surfactant and additives.

AES-MT-702I is effective at a low temperature and concentration for spray and immersion process. It develops fine, smooth and uniform bluish color coat for durable bonding with final finish and gives long life to final finishes on metal surface.

AES-MT-702I cleans, Degrease and iron phosphate the objects. Additional detergent may be required for heavily soiled and greased objects.

AES-MT-702I can treat substrates like iron, steel, zinc and aluminum.

CHEMICAL FEED AND CONTROL

The exact dose of the chemical is depending on type of metal and final application of the metal that is to be treated.

General dosage range is 1 to 3%. For better film formation maintains bath temperature in range of 30 to 50 Deg C for spray system and for immersion maintain temperature in between 40 to 70 Deg C.

The technical representative servicing the facility will specify the overall product application and the specific chemical dosages.

TYPICAL PROPERTIES

Appearance: Colorless to Pale Yellow or Green Liquid

Specific gravity: 1.18 to 1.22

pH : 2.0 to 3.8

STORAGE AND HANDLING

Store in cool and dry place in original containers. Preferably store the product drum on pallet. Do not store in direct sunlight. Do not mix with any other chemical other than that directly by AES Technical representatives. In case of spillage wash the area with plenty of water

HEALTH AND SAFETY

AES-MT-702I 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.

PACKING

AES-MT-702I is packaged in 25 and 200 Liter (nominal volume) 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



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