



PRODUCT DATA

AES-MT-720P PASSIVATOR FOR METAL SURFACE TREATMENT

DESCRIPTION AND USE

AES-MT-720P is an acidic, liquid chemical used for final rinse of treated metal surfaces. AES-MT-720P is usually added to the last stage of immersion or spray installations. Final rinse improves paint adhesion and minimizes under film corrosion and blistering.

Galvanized surfaces are protected against corrosion by passivation with AES-MT-720P.

CHEMICAL FEEDING AND CONTROL

Bath Make Up Dose

The normal use level of AES-MT-720P ranges between 0.24 Kg – 0.48 Kg for 1000 Liters of bath.

Control Parameters

pH	3.0 to 4.5
Temperature	20 –45 Deg C
Contact time	30 –60 Seconds.
Nozzle pressure	0.5 –1.2 Bar.

Process Sequence

1. Treating of metal surface (for instant clean, phosphate).
2. Rinse.
3. Acidulated rinse with AES-MT-720P.
4. Drying.

MAINTENANCE OF THE BATH

AES-MT-720P is manually controlled in the bath by pH. The pH value ranging between 2.5 to 5.0 is desirable.

TYPICAL PROPERTITES

Appearance: Clear Pink Liquid.

pH: Less than 3.0.

Specific Gravity 1.13 to 1.20

(All values approximate)

STORAGE AND HANDLING

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

HEALTH AND SAFETY

The base component is acidic. Keep away from foodstuffs. AES-MT-720P 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-720P is packaged in 25 Liter 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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