



PRODUCT DATA

AES-MT-707D LOW FOAM ALKALINE DEGREASER FOR METAL TREATMENT

DESCRIPTION AND USE

AES-MT-707D is a liquid blend of specialized surfactants with detergent booster. The specialized surfactants facilitate better cleaning and degreasing of metal surfaces. AES-MT-707D is specifically designed for degreasing of metal surfaces before electroplating, powder coating and acid etching in enameling process. AES-MT-707D is a low foaming strongly alkaline cleaner and can be used in continuous strip lines with Spray nozzles for flow – coat application. AES-MT-707D is effective on cold rolled steel coil stock and galvanized coated substrates.

CHEMICAL FEEDING AND CONTROL

AES-MT-707D is normally added at a concentration of 2-6 % in hot water having a temperature of 60 – 70 Deg C. The contact time for achieving complete degreasing depends on the extent of oil/grease/ dirt on the metal surface, spray nozzles etc and ranges between 1 -15 minutes. The concentration of AES-MT-707D in the cleaning solution can be measured by simple titration. AES service representative will provide the details on application and monitoring of AES-MT-707D for your system.

TYPICAL PROPERTIES

Appearance: Clear Colourless to Pale Yellow liquid
pH: 4.0 to 14.0
Specific Gravity: 0.90 to 1.10

(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 chemical other than that directed by AES Technical representative. In case of Spillage wash the area with plenty of water.

HEALTH AND SAFETY

AES-MT-707D 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.

EFFULENT TREATMENT

AES-MT-707D does not contain any polluting substances, but the alkali value of solutions is high. Neutralization with acid and subsequent filtration may be required before the solution can be discharged to the drainage.

PACKAGING

AES-MT-707D 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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