



PRODUCT DATA

AES-GO-100 SHAMPOO FOR GOLD SURFACE TREATMENT

DESCRIPTION

AES-GO-100 is a liquid blend of specialized surfactants with detergent booster. The specialized surfactants facilitate better cleaning of different Karat of gold surfaces. The surfactants reduce surface tension and detergent boosters boost up action of surfactant and thus clean the gold surfaces.

FEATURES

AES-GO-100 is completely water-soluble.

AES-GO-100 is stable up to 90 Deg C.

AES-GO-100 removes dirt, tar and other foreign particles and keeps it in dispersed state.

AES-GO-100 is safe for other metals like copper, nickel, Zinc and silver, which are used, in gold ornaments.

AES-GO-100 offers sparkle / shine to the ornaments.

During rinsing **AES-GO-100** is completely rinsed and thus does not interfere in further polishing process.

CHEMICAL FEEDING AND CONTROL

The exact dosages and contact time for achieving complete satisfactory results depends on the extent of dirt, tar and other foreign particles present on the gold surface. General dosages are as below:

For Magnetic Tumbling.	
Normal Soiling	300 – 500 MI per 2.0 Liter of water
Medium Soiling	500 – 700 MI per 2.0 Liter of water
Heavy Soiling	700 – 1000 MI per 2.0 Liter of water
For Ultrasonic Cleaning.	
Normal Soiling	3000 – 5000 MI per 50 Liter of water
Medium Soiling	5000 – 7000 MI per 50 Liter of water
Heavy Soiling	7000 – 10000 MI per 50 Liter of water

In ultrasonic cleaning for better result, we recommend to maintain water temp in range of 70 – 80 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 Green liquid

pH: 9 to 13.0

Specific Gravity: 1.0 to 1.04.

(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-GO-100 may be toxic by ingestion. Do not take internally. If ingested, drink at least two glasses of water and get medical attention. If eyes are contacted, immediately flush with clear water for 15 minutes and then get medical attention. For skin contact, wash with water. For additional information, ask the Material Safety Data Sheet.

PACKAGING

AES-GO-100 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

Manufactured in the Kingdom of Saudi Arabia by :

The logo for AES, consisting of the letters 'AES' in a bold, italicized, red font with a white outline.

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