

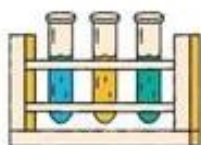


2025/26

Mashili Co Limited

Products and Service Catalogue





Burner

Burette



Pipette



Gloves



Graduated Cylinder



Incubator



Stirring Rod



Funnel

Magnetic Stirrer

Wash bottle

Crucible

Beaker

Mashili Chem Supplies Catalogue

Welcome to **Mashili Chem Supplies**, your trusted partner for quality laboratory and industrial chemicals. Explore our wide range of chemicals and tools suitable for various applications, including education, healthcare, gold processing, and scientific research.

Chemicals for Educational Laboratories

1. Acids and Bases

- Hydrochloric Acid (HCl)
- Sulfuric Acid (H₂SO₄)
- Sodium Hydroxide (NaOH)
- Ammonium Hydroxide (NH₄OH)

2. Salts and Solids

- Sodium Chloride (NaCl)
- Copper Sulfate (CuSO₄)
- Potassium Nitrate (KNO₃)
- Magnesium Sulfate (Epsom Salt)

3. Indicators and Reagents

- Phenolphthalein
- Litmus Paper (Blue and Red)
- Methyl Orange
- Universal Indicator Solution

4. Specialty Items

- Distilled Water
- Ethanol (C₂H₅OH)
- Glycerin
- Starch Powder



Chemicals for Healthcare and Clinical Laboratories

1. General Chemicals

- Ethanol (C_2H_5OH) – Disinfection
- Hydrogen Peroxide (H_2O_2) – Oxidizing Agent
- Sodium Hypochlorite (Bleach)
- Formalin (Formaldehyde Solution)

2. Diagnostic and Staining Chemicals

- Methylene Blue
- Gram Stain Reagents
- Wright's Stain
- Culture Media (Nutrient Agar, MacConkey Agar)

3. Blood and Sample Processing

- EDTA Tubes
- Glucose Solution
- Saline Solution

Chemicals for Gold Processing

1. Cyanidation Process

- Sodium Cyanide ($NaCN$)
- Calcium Hydroxide (Lime)
- Hydrogen Peroxide (H_2O_2)
- Activated Carbon

2. Refining Process

- Nitric Acid (HNO_3)
- Hydrochloric Acid (HCl)
- Aqua Regia

3. Smelting and Flux Chemicals

- Borax (Sodium Borate)
- Silica (SiO_2)
- Sodium Nitrate ($NaNO_3$)
- Fluorspar (CaF_2)

4. Detoxification Chemicals

- Sodium Metabisulfite ($Na_2S_2O_5$)
- Calcium Hypochlorite ($Ca(OCl)_2$)





Chemicals for Scientific Research Laboratories

1. DNA and RNA Analysis

- Agarose
- Ethidium Bromide
- Tris Buffer
- SDS (Sodium Dodecyl Sulfate)

2. General Laboratory Use

- Ethanol (C_2H_5OH)
- Chloroform ($CHCl_3$)
- Acetone
- Sodium Hydroxide ($NaOH$)

3. Specialty Reagents

- pH Buffers
- Spectrophotometer Reagents
- Electrophoresis Kits



Safety Chemicals and Equipment

1. Safety Chemicals

- Sodium Bicarbonate (Neutralizer)
- Lime (Calcium Hydroxide) for Neutralization
- Activated Charcoal (Air Filtration)

2. Personal Protective Equipment (PPE)

- Gloves (Nitrile and Latex)
- Safety Goggles
- Lab Coats

3. Waste Management Chemicals

- Sodium Hypochlorite
- Neutralization Agents for Acid Spills

For orders and inquiries, contact **Mashili Chem Supplies** today to meet all your chemical needs. We ensure quality, safety, and excellent customer service!



Mashili Gen Supplies

Welcome to **Mashili Gen Supplies**, your reliable source for top-quality hardware and building materials. We cater to construction, renovation, and general hardware needs, ensuring you have the best tools and materials to get the job done.

Hardware Supplies

2. Hand Tools

- Hammers (Claw Hammers, Sledgehammers)
- Screwdrivers (Flathead, Phillips)
- Wrenches (Adjustable, Pipe Wrenches)
- Pliers (Needle-nose, Combination Pliers)
- Tape Measures and Spirit Levels

3. Power Tools

- Drills (Cordless and Corded)
- Angle Grinders
- Circular Saws
- Sanders (Orbital, Belt Sanders)
- Welding Machines

4. Fasteners

- Nails (Common, Finishing)
- Screws (Wood, Machine, Drywall Screws)
- Bolts and Nuts
- Washers (Flat, Spring)
- Rivets

5. Electrical Supplies

- Electrical Cables and Wires
- Switches and Sockets
- Extension Cords
- Circuit Breakers
- Light Bulbs (LED, Fluorescent)

6. Plumbing Supplies

- PVC Pipes and Fittings
- Faucets and Taps
- Water Tanks





- Showerheads
- Sealants and Adhesives

Building Materials

1. Cement and Concrete

- Portland Cement
- Ready-Mix Concrete
- Mortar Mix

2. Bricks and Blocks

- Clay Bricks
- Concrete Blocks
- Hollow Blocks

3. Steel and Metal Products

- Reinforcement Bars (Rebars)
- Steel Plates and Sheets
- Metal Pipes and Tubes
- Roofing Sheets (Corrugated, Galvanized)

4. Wood and Timber

- Plywood Sheets
- Hardwood and Softwood Planks
- MDF Boards
- Wooden Doors and Frames

5. Roofing Materials

- Iron Sheets
- Roofing Tiles (Clay and Concrete Tiles)
- Ridge Caps
- Waterproof Membranes

6. Paints and Finishes

- Interior and Exterior Paints
- Primers and Undercoats
- Wood Stains and Varnishes
- Paint Brushes and Rollers



Safety and Construction Equipment

1. Personal Protective Equipment (PPE)

- Helmets
- Safety Boots
- Reflective Vests
- Gloves
- Safety Glasses

2. Scaffolding and Ladders

- Aluminum Ladders
- Steel Scaffolding
- Trestles and Platforms

3. Construction Machinery

- Concrete Mixers
- Compactors
- Tile Cutters
- Generators

Specialty Items

1. Adhesives and Sealants

- Epoxy Resins
- Silicone Sealants
- Construction Adhesives

2. Flooring and Tiles

- Ceramic Tiles
- Vinyl Flooring
- Cement Tiles

3. Glass and Aluminum

- Glass Sheets
- Aluminum Profiles
- Sliding Door Frames

For inquiries and orders, contact **Mashili Gen Supplies**. We deliver excellence in hardware and building materials!



Mashili Construction and Engineering Catalogue

Welcome to **Mashili Construction and Engineering**, your premier provider of construction and engineering solutions. We offer a comprehensive range of services and materials tailored to meet your project needs. From ground breaking to finishing, we are here to help you build with confidence.

Construction Services

1. Building Construction

- Residential Houses
- Commercial Buildings
- Industrial Facilities
- Institutional Buildings (Schools, Hospitals)

2. Civil Engineering Projects

- Road Construction and Maintenance
- Bridge Construction
- Drainage Systems and Culverts
- Earthworks (Excavation and Land Grading)

3. Renovation and Remodeling

- Interior and Exterior Renovations
- Structural Upgrades
- Space Optimization and Redesign

4. Green Construction Solutions

- Solar Panel Installation
- Energy-Efficient Building Materials
- Rainwater Harvesting Systems

Engineering Services

1. Structural Engineering

- Structural Design and Analysis
- Reinforced Concrete Structures
- Steel Frame Construction

2. Mechanical Engineering

- HVAC System Design and Installation
- Machinery Installation and Maintenance
- Piping Systems (Industrial and Residential)

3. Electrical Engineering

- Electrical System Design and Installation
- Power Distribution and Backup Solutions
- Automation and Control Systems

4. Geotechnical and Surveying Services

- Site Surveys and Mapping
- Soil Testing and Analysis
- Foundation Design and Stabilization



Construction Materials

1. **Cement and Aggregates**
 - Portland Cement
 - Crushed Stone (Aggregate)
 - Sand (River Sand, Plaster Sand)
2. **Structural Steel**
 - Reinforcement Bars (Rebars)
 - Steel Beams and Channels
 - Wire Mesh
3. **Concrete Products**
 - Precast Concrete Slabs
 - Concrete Pipes
 - Ready-Mix Concrete
4. **Roofing Materials**
 - Corrugated Iron Sheets
 - Roofing Tiles (Clay, Concrete, and Metal)
 - Gutters and Downpipes
5. **Finishing Materials**
 - Wall Plaster and Putty
 - Tiles and Grouting Materials
 - Paints (Interior, Exterior, Waterproofing)

Heavy Machinery and Equipment

1. **Earthmoving Equipment**
 - Excavators
 - Bulldozers
 - Backhoe Loaders
2. **Concrete Equipment**
 - Concrete Mixers
 - Vibrators
 - Concrete Pumps
3. **Cranes and Lifting Equipment**
 - Tower Cranes
 - Mobile Cranes
 - Hoists
4. **Surveying Equipment**
 - Total Stations
 - Theodolites
 - GPS Survey Tools

Specialized Solutions

1. **Water and Sanitation**
 - Borehole Drilling and Installation
 - Water Treatment Systems
 - Septic Tank Construction





2. **Energy Projects**

- Renewable Energy Systems (Solar, Wind)
- Power Plants and Substations

3. **Custom Engineering Solutions**

- Modular Building Systems
- Industrial Plant Design and Setup

For consultations, quotes, and project management, contact **Mashili Construction and Engineering** today. Let us help you bring your vision to life!

