MEGHACHEM INDUSTRIES
Manufacturer of Metallic Salts & Electroplating Chemicals

Roasted Molybdenum Concentrate
Cuprous Chloride (Copper(I) Chloride)

Chemical formula: CuCl
CAS No.: 7758-89-6
Molecular Weight: 131.70 g/mol
Appearance: Light Green Powder

Standard Specification:
- Cu: 98.25 % Min
- CuCl: 65.35 % Min
- Acid Insoluble: 100 ppm Max
- Iron: 50 ppm Max

Packing:
- LDPE lined PP bags of 25/50 kgs.
- As per customer's requirement in bulk bag up to 1 MT in big sack.

Application:
- Pigments - Widely used in Copper Phthalocyanine Blue.
- Agro Chemicals - As a catalyst for manufacturing of Chlorpyrifos.
- For Manufacturing Polysilicon for Solar Application.
- Petroleum - Catalyst Desulfurizing agent.

Basic Copper Carbonate

Chemical formula: CuCO₃·Cu(OH)₂
CAS No.: 12069-69-1
Molecular Weight: 221.116 g/mol
Appearance: Bremen Green Powder

Standard Specification:
- CuCO₃·Cu(OH)₂: 98.50 % Min
- Cu: 55.00 % Min
- Bulk Density: 1.4 - 1.6 g/cm³
- Chloride: 100 ppm Max

Packing:
- LDPE lined PP bags of 25/50 kgs.
- As per customer's requirement in bulk bag up to 1 MT in big sack.

Application:
- In Catalyst Preparation for ammonia in methanol synthesis.
- Copper Chrome Black Pigments.
- Manufacture of Copper Chelates used as feed additives.
- Manufacture of Biocides for Timber Treatment.

Copper Sulphate

Chemical formula: CuSO₄·5H₂O
CAS No.: 7758-99-8
Molecular Weight: 249.68 g/mol
Appearance: Blue Crystalline Solids

Standard Specification:
- CuSO₄·5H₂O: 98.50 % Min
- Copper Content: 24.80 % Min
- pH Value (50g/L, 25°C): 2.5 - 5.0
- Water Insoluble Matter: < 100 ppm
- Chloride(CI⁻): < 50 ppm
- Iron(Fe): < 50 ppm

Packing:
- LDPE lined PP bags of 25/50 kgs.
- As per customer's requirement in bulk bag up to 1 MT in big sack.

Application:
- Fertiliser - Technical Grade Fungicide.
- Mining - As a flotation Chemical.
- Feed Stock - As a Mineral Supplement.
- Copper Plating and Source of Cu⁺⁺ in Plating Solution.
- Textile Mordant.

Potassium Stannate

Chemical formula: K₂SnO₃·3H₂O
CAS No.: 12125-03-0
Molecular Weight: 298.95 g/mol
Appearance: White/Beige Powder

Standard Specification:
- Sn Percentage: 39.00 % Min
- Water Insoluble Matter: < 500 ppm
- Free Alkali %: < 1.5%
- Sulphate(SO₄²⁻): < 200 ppm
- Nitrate(NO₃⁻): < 500 ppm
- Metal Impurities: < 100 ppm

Packing:
- 25/50 Kg Drum Packaging
- As Per Buyer’s Requirement

Application:
- Replace Silver with Tin in Electroplating Process.
- Alkaline Tin Plating Industries.
- Weighting agent in textile Industries.

All Products can be Customize as per customer’s requirement.
### Ammonium Molybdate

**Chemical Formula:** \((\text{NH}_4)_6\text{Mo}_7\text{O}_{24}4\text{H}_2\text{O}\)  
**CAS No:** 12054-85-2  
**Molecular Weight:** 1238.86 g/mol  
**Appearance:** White to off-White Crystalline Powder  

**Standard Specification:**  
- **MoO3:** 81.00 % Min  
- **Mo Percentage:** 54.50 % Min  
- **Chloride:** 00.05 % Max  
- **Insoluble:** 00.01 % Max  
- **Iron:** 00.01 % Max  

**Packing:**  
- LDPE lined PP bags of 25/50 kgs.  
- As per customer's requirement in bulk bag up to 1 MT in big sack.  

**Application:**  
- Catalyst in Copper Phalocyanine Crude.  
- Source of Molybdate Ions.  
- Analytical Reagents.  
- Catalyst in Dehydration and Desulfurization in Coal Technology.  

### Sodium Molybdate

**Chemical Formula:** Na2MoO4 2H2O  
**CAS NO:** 10102-40-6  
**Molecular Weight:** 241.95 g/mol  
**Appearance:** White Crystalline Powder  

**Standard Specification:**  
- **Mo Percentage:** 39.00 % Min  
- **MoO3:** 59.00 % Max  
- **Loss On Drying:** 14.50 % Max  
- **Water Insoluble:** 200 ppm Max  
- **pH of 5% Solution:** 7.5 to 9  

**Packing:**  
- LDPE lined PP bags of 25/50 kgs.  
- As per customer's requirement in bulk bag up to 1 MT in big sack.  

**Application:**  
- Prevention of galvanic corrosion.  
- Molybdate based Inorganic Chrome pigments.  
- In corrosion inhibiting formulations for central heating system and motor engine coolants  
- Treatment of whiptail in broccoli and cauliflower.  

### Stannic Chloride Anhydrous

**Chemical Formula:** SnCl2  
**CAS No:** 10025-69-1  
**Molecular Weight:** 225.63 g/mol  
**Appearance:** White Crystals  

**Standard Specification:**  
- **Sn Percentage:** 51.00 % Min  
- **Assay:** 97.00 % Min  
- **Metallic Impurities:** 00.50 % Max  
- **Solubility:** Soluble in Ethanol  
- **Melting Point:** 38°C  

**Packing:**  
- Store in Cool and Dry Place away from Direct Heat.  
- 7/25/50 Kg Plastic Jar/Drum.  
- As Per Buyer’s Requirement.  

**Application:**  
- Acid Tin Plating.  
- Mordant in Textile Dyeing.  
- Used as Reducing Agent.  
- In Pharmaceuticals.  

### Stannous Chloride Dihydrate

**Chemical Formula:** SnCl2.2H2O  
**CAS No:** 10025-69-1  
**Molecular Weight:** 225.63 g/mol  
**Appearance:** White Crystals  

**Standard Specification:**  
- **Sn Percentage:** 51.00 % Min  
- **Assay:** 97.00 % Min  
- **Metallic Impurities:** 00.50 % Max  
- **Solubility:** Soluble in Ethanol  
- **Melting Point:** 38°C  

**Packing:**  
- Store in Cool and Dry Place away from Direct Heat.  
- 7/25/50 Kg Plastic Jar/Drum.  
- As Per Buyer’s Requirement.  

**Application:**  
- Acid Tin Plating.  
- Mordant in Textile Dyeing.  
- Used as Reducing Agent.  
- In Pharmaceuticals.  

### Stannous Sulphate

**Chemical Formula:** SnSO4  
**CAS No:** 7488-55-3  
**Molecular Weight:** 214.77 g/mol  
**Appearance:** White Crystals  

**Standard Specification:**  
- **Sn Percentage:** 54.00 % Min  
- **Assay:** 98.00 % Min  
- **Free Acid:** 00.50 % Max  
- **Heavy Metal Impurities:** <200 ppm  
- **Insoluble Matter:** <100 ppm  

**Packing:**  
- Store in Cool and Dry Place  
- 25/50 Kg HDPE Drum.  
- As Per Buyer’s Requirement.  

**Application:**  
- Acid Tin Plating.  
- Aluminium Anodizing.  

### Stannous Sulphate

**Chemical Formula:** SnCl2  
**CAS No:** 10025-69-1  
**Molecular Weight:** 225.63 g/mol  
**Appearance:** White Crystals  

**Standard Specification:**  
- **Sn Percentage:** 51.00 % Min  
- **Assay:** 97.00 % Min  
- **Metallic Impurities:** 00.50 % Max  
- **Solubility:** Soluble in Ethanol  
- **Melting Point:** 38°C  

**Packing:**  
- Store in Cool and Dry Place away from Direct Heat.  
- 7/25/50 Kg Plastic Jar/Drum.  
- As Per Buyer’s Requirement.  

**Application:**  
- Acid Tin Plating.  
- Mordant in Textile Dyeing.  
- Used as Reducing Agent.  
- In Pharmaceuticals.  

### Sodium Stannate

**Chemical Formula:** Na2SnO3 3H2O  
**CAS No:** 12027-70-2  
**Molecular Weight:** 266.73 g/mol  
**Appearance:** White Powder  

**Standard Specification:**  
- **Sn Percentage:** 42.00 % Min  
- **Water Insoluble Matter:** < 500 ppm  
- **Free Alkali %:** < 2.5%  
- **Chloride(CT):** < 200 ppm  
- **Sulphate(SO4²⁻):** < 200 ppm  
- **Metal Impurities:** < 100 ppm  

**Packing:**  
- 25/50 Kg Drum Packaging.  
- As Per Buyer’s Requirement.  

**Application:**  
- Fire Retardant.  
- Alkaline Tin Plating Industries.  
- Dyes/Bleaching Creams.  
- Weighting agent in textile Industries.  
- Stabilizer in Hydrogen Peroxide.  

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- MSDS and Shipping Information are available on request.
Copper
- Copper(I) Chloride
- Copper(II) Chloride
- Copper Sulphate
- Basic Copper Carbonate
- Cupric Oxide

Tin
- Tin Sulphate
- Tin Chloride
- Sodium Stannate
- Potassium Stannate
- Stannic Chloride

Molybdate
- Ammonium Molybdate
- Sodium Molybdate
- Molybdic Acid

CORE VALUES

At Meghachem Industries, our core values are how we operate. These are based on ethics and values which will continuously keep us guiding in our business operations.

Safety
We strive to create a safe working environment for our employees as well as our clients.

Trust
We believe in creating a long-lasting relationship with our suppliers and clients fostering mutual trust, synergy and cooperation.

Innovation
We encourage innovation and creativity in everything we do to set ourselves apart from our peers and competitors so that we can provide our clients with unique and customized solutions.

Quality
We make sure to guarantee the highest level of proficiency and quality in our service by fully committing to the requirements of our clients and catering all the orders with thorough professionalism.

Sustainability
We practice environment stewardship with utmost honesty, integrity, compliance and care for encouraging sustainable development.

Reasonable Rates and Time bound Delivery Assured with No Compromise in Quality.

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