

Since 1990



## CHEMORGE (JAIN)

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**MANUFACTURERS OF : METALLIC STEARATES & INORGANIC CHEMICALS**

### Products Manufacturing :

#### METALLIC STEARATES : (ALL FROM VEGETABLE ORIGIN ONLY)

- (1) ZINC STEARATE
- (2) CALCIUM STEARATE
- (3) MAGNESIUM STEARATE
- (4) SODIUM STEARATE
- (5) ALUMINIUM STEARATE

1200 MT / Annum

#### INORGANIC COPPER CHEMICALS :

- |   |                  |
|---|------------------|
| (1) CUPRIC CHLORIDE (DIHYDRATE) ( $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$ ) | 2000 MT / Annum  |
| (2) CUPRIC CHLORIDE (ANHYDROUS) ( $\text{CuCl}_2$ )                           | 1500 MT / Annum  |
| (3) CUPROUS CHLORIDE ( $\text{CuCl}$ )  | 10000 MT / Annum |
| (4) COPPER SULPHATE ( $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ )             | 500 MT / Annum   |

#### OTHER PRODUCTS

- |                                       |                      |
|---------------------------------------|----------------------|
| (1) COPPER OXIDE/CUPRIC OXIDE (BLACK) | (7) MOLYBDIC OXIDE   |
| (2) CUPROUS OXIDE (RED)               | (8) TIN CHLORIDE     |
| (3) COPPER CARBONATE                  | (9) TIN OXIDE        |
| (4) AMMONIUM MOLYBDATE                | (10) TIN SULPHATE    |
| (5) SODIUM MOLYBDATE                  | (11) COBALT SULPHATE |
| (6) CALCIUM MOLYBDATE                 | (12) NICKEL SULPHATE |

### OUR GROUP COMPANIES :

- |   |  |
|---|--|
| (1) Megha Chem Industries   | (Cuprous Chloride)                     |
| (2) Glomet Techlonogies Pvt. Ltd.<br>(Located under special economic zone area) | (Cuprous Chloride)                     |
| (3) EPIC Fabricators  | (Engineering Unit)                     |
| (4) Ronit Enterprise  | (Dyes - Intermediatea - Import Export) |



# CHEMORGE (JAIN)

## ZINC STEARATE

- (1) CHEMICAL FORMULA :  $(Zn(C_{18}H_{35}O_2)_2)$
- (2) MOLECULAR WEIGHT : 632.35 g/mol
- (3) CAS NO : 557-05-1
- (4) APPEARANCE : WHITE FINE POWDER
- (5) PROPERTY : ZINC STEARATE REPELS WATER. IT'S APPLIANCE IS IN PLASTIC AND RUBBER INDUSTRY WHERE IT IS USED AS A RELEASING AGENT AND LUBRICANT WHICH CAN BE EASILY INCORPORATED.
- (6) MFG PROCESS : ZINC STEARATE MANUFACTURED BY A NOVEL PROCESSE DEVELOPED BY OUR R & D DEPARTMENT. THE PRODUCT IS FUSION OF LIGHTNESS AND MELTS TRANSPARENCY.

### STANDARD SPECIFICATIONS :

|                      |                                   |
|----------------------|-----------------------------------|
| PHYSICAL APPEARANCE  | WHITE FINE POWDER                 |
| ASH CONTENT (%)      | 12.50 TO 13.50%                   |
| ZINC CONTENT (%)     | 10.50 TO 12.00%                   |
| BULK DENSITY (gm/CC) | 00.15 TO 00.20                    |
| MELTING POINT        | 120 ± 5 °C.                       |
| MELT QUALITY         | CLEAR AND TRANSPARENT             |
| FREE FATTY ACID      | 00.50 % MAX                       |
| MOISTURE             | 00.50 % MAX                       |
| MESH                 | PASS 100% ON 300 MESH             |
| SOLUBILITY           | SOLUBLE IN HOT TOLUENE AND XYLENE |

### SHIPPING INFORMATION : NON HAZARDOUS CARGO

(1) H.S.TARRIF NO : 29 15 70 90

**PACKING :** 20 OR 25 KGS BAGS AS PER CUSTOMER REQUIREMENT.

### APPLICATION :

- (1) IN MASTERBATCH AND FILLER AND MELLAMINE INDUSTRIES
- (2) MOLD RELEASE AGENT IN RUBBER AND PLASTIC INDUSTRIES
- (3) LUBRICANT IN COSMETICS
- (4) IMPARTING AGENT IN PAINT INDUSTRIES FOR PVC, HDPE AND OTHER POLYMER OR PLASTICS, IN WOOD FINISHING AND CEMENT PAINT.

## CALCIUM STEARATE

- (1) Chemical Formula :  $(Ca(C_{18}H_{35}O_2)_2)$
- (2) Molar Weight : 607.03 g/mol
- (3) CAS No : 1592-23-0
- (4) Property : Calcium Stearate is a palm based material that exhibits excellent lubricity, excellent water repellency, is non toxic, non sulfide staining, and good color stability.

### Standard Specifications :

|                     |   |
|---------------------|---|
| Physical Appearance | White Fine Powder   |
| Ash Content (%)     | 9.5 to 11   |
| Calcium Content (%) | 6.5 to 7.9  |
| Melting Point       | 140 to 160 °C.  |
| Free Fatty Acid     | 1% Max  |
| Moisture            | 3% Max  |
| Mesh                | Pass 98% on 325 Mesh  |
| Application         | : It can also be used in rubber, building material, fabric, fuel, grease, paints, wire, drawing, foundry and fertilizers. |

### Shipping Information :-

NON HAZARDOUS CARGO.

(1) H.S.TARRIF NO. : .....

### Field Application :

- PVC Wire and Cable Compounds
- Rubber
- Grease
- Foundry
- PVC Foams
- Rigid And Plasticized PVC

**Packing :** Packing in 20 or 25 Kgs Bags As Per Customer Requirement.

## CUPRIC CHLORIDE (DIHYDRATE)

- (1) Chemical formula -  $(CuCl_2 \cdot 2H_2O)$
- (2) Molecular weight - 170.49.
- (3) CAS No. - 10125 - 13 - 0
- (4) Apperance - Green to Bluish - green crystal.
- (5) Property - Soluble in Water, Methanol, Ethanol, Acetone etc.

### Standard Specification :

|                  |             |
|------------------|-------------|
| Total Copper     | 36.50% min  |
| Purity           | 98.00% min  |
| Moisture         | 04.00% max  |
| Water insoluble  | 200 ppm max |
| Iron             | 200 ppm max |
| PH - 5% Solution | 2.5 to 4.0  |

### Shipping information :- (Hazardous Cargo)

- (1) H.S.Tariff No. - 282739
- (2) IMO classification - 8, Corrosive, Marine pollutant.
- (3) U.N.No. - 2802.
- (4) Packing group - III.

**Packing** - 25/50 Kgs. OR As required.

## CUPRIC CHLORIDE (ANHYDROUS)

- (1) Chemical formula -  $CuCl_2$ .
- (2) Molecular weight - 134.45
- (3) CAS No. - 7447 - 39 - 4.
- (4) Apperance - Brownish Crystalline Powder  
(Very Hygroscopic)
- (5) Property - Soluble in Water.

### Standard Specification :

|                  |             |
|------------------|-------------|
| Total Copper     | 46.30% min  |
| Purity           | 98.00% min  |
| Moisture         | 00.75% max  |
| Water insoluble  | 200 ppm max |
| Iron             | 200 ppm max |
| PH - 5% Solution | 2.5 to 4.0  |

### Shipping information :- (Hazardous Cargo)

- (1) H.S.Tariff No. - 282739
- (2) IMO classification - 8, Corrosive, Marine pollutant.
- (3) U.N.No. - 2802.
- (4) Packing group - III.

**Packing** - 25/50 Kgs. OR As required.

### Application :-

- (1) Pigment - Widely used in copper pthalocyanine Green
- (2) Chemicals - As a catalyst of organic reactions.

## CUPROUS CHLORIDE

- (1) Chemical formula -  $CuCl$ .
- (2) Molecular weight - 99.04
- (3) CAS No. - 7758 - 89 - 6
- (4) Apperance - Powder - White to Grey powder  
Granular - Grey to black small granular
- (5) Property - Insoluble in Water, alcohol and acetone  
Soluble in HCl,  $NH_4OH$   
Quickly oxidized in air

### Standard Specification :

|                           |             |
|---------------------------|-------------|
| CuCl                      | 98.00% min  |
| Cupric Copper as $CuCl_2$ | 00.50% max  |
| Total Cu                  | 63.50% min  |
| Acid insoluble            | 200 ppm max |
| Iron                      | 200 ppm max |

### Shipping information :- (Hazardous Cargo)

- (1) H.S.Tariff No. - 282739
- (2) IMO classification - 8, Corrosive, Marine pollutant.
- (3) U.N.No. - 2802.
- (4) Packing group - III.

**Packing** - 25/50/250/500 Kgs. OR As required.

### Application :-

- (1) Pigment - Widely used in copper pthalocyanine blue.
- (2) Chemicals - As a catalyst of organic reactions.
- (3) Cellulose - Denitrating agent
- (4) Petroleum - Catalyst, Desulfurizing agent and Decolorizer.

## COPPER SULPHATE

- (1) Chemical formula -  $CuSO_4 \cdot 5H_2O$
- (2) Molecular weight - 249.68
- (3) CAS No. - 7758 - 99 - 8 (Pentahydrate)
- (4) Apperance - Odorless Blue Crystals Powder.
- (5) Property - Soluble in Water.

### Standard Specification : Fine grade Crystal for Cattel Feed.

|                        |                   |
|------------------------|-------------------|
| <b>Purity</b>          | <b>97.45% min</b> |
| <b>Cu</b>              | <b>24.80% min</b> |
| <b>PH</b>              | <b>3-5</b>        |
| <b>Iron (FI)</b>       | <b>0.02% max</b>  |
| <b>Chloride</b>        | <b>0.05% max</b>  |
| <b>Water Insoluble</b> | <b>0.05% max</b>  |

### Shipping information :- (Non Hazardous Cargo)

- (1) H.S.Tariff No. - 28.33.25.00.90

**Packing** - 25/50/ Kgs. OR As required.

### Application :-

- (1) Fertiliser - As a trace element
- (2) Mining - As a flotation chemical
- (3) Stock feed - As a mineral supplement
- (4) Timber processing - As a preservative.