MATERIAL SAFETY DATA SHEET

ZINC SULPHATE

1. PRODUCT NAME

Product Name	**Zinc Sulphate (ZnSO4)**
Name and Address of Exporter	Cosmo Chemistry India Pvt. Ltd., Office No. 713, 7th Floor, Millennium Business Hub, Sarthana Jakatnaka, Varachha Main Road, Surat, Gujarat, India - 395006

2. PRODUCT IDENTIFICATION

Synonyms	**Philosopher's Wool / Chinese**
CAS No.	7446-13-2
DOT Proper Shipping Name	Zinc Sulphate
DOT Hazard Class	NIL
DOT Label(s)	Zinc Sulphate
Freight Classification	As desired

3. WARNING STATEMENTS

Non-toxic, non-irritating, non-poisonous.

Precautionary Measures: Packing should be preserved to avoid pilferage.

4. EMERGENCY AND FIRST AID PROCEDURE

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin: Flush skin with water.

Eyes: Immediately flush eyes with copious amounts of water for at least 15 minutes.

Ingestion: If swallowed, wash out mouth with water, provided the person is conscious.

5. OCCUPATIONAL CONTROL PROCEDURES

Eye Protection: Goggles used.

Skin Protection: Hand gloves, boots, and head/resistance coverings on body.

Respiratory Protection: Respiratory masks.

Airborne Exposure Limits: Proper ventilation exhaust provided.

6. FIRE PROTECTION INFORMATION

Special Fire Fighting Procedures: Fire extinguisher, as per factory and boiler rules, provided.

7. PHYSIOLOGICAL EFFECTS SUMMARY

Non-toxic, non-poisonous, non-irritating, amphoteric.

8. PHYSICAL DATA

Parameter	Value
Melting Point	Approx. 650°C
Specific Gravity @ 25°C	5.6
Solubility in Water	Nearly insoluble powder and highly alkaline in water
Solubility in Benzene	Insoluble
Solubility in Acetone	Insoluble
Solubility in Hexane	Insoluble
Appearance and Odour	White powder, odourless

9. REACTIVITY DATA

Thermally Stable: Turns yellow at 500°C, returns to white on cooling.

Materials to Avoid: Moisture, acids and alkalies.

Hazardous Decomposition Products: Non-hazardous oxygen evolution at 500°C.

Hazardous Polymerisation: No.

10. SPILL, LEAK & DISPOSAL INFORMATION

Waste Disposal: In ordinary sewerage system.

Spill or Leakage Procedures: Pilferage checked in proper packing containers: laminated HDPE/jute bags with loose polyethylene inside.

11. ADDITIONAL COMMENTS

Since the compound is perfectly safe in handling, inhaling and touching, ordinary handling measures are sufficient. Pilferage should be prevented.

12. TOXICOLOGICAL INFORMATION

Non-toxic and non-hazardous.

13. STABILITY & REACTIVITY

Stable and non-reactive at room temperature/high temperature/low temperature.

14. TRANSPORT INFORMATION

Can be easily transported through rail, road and air.

15. REGULATORY INFORMATION

No regulatory information as such; material is non-hazardous.

16. OTHER INFORMATION

None.

For Information Contact: +91 8306060703

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