



## **MATERIAL SAFETY DATA SHEET (MSDS) – TALC POWDER**

### **Section 1: Chemical Product and Company Identification**

Product Name : Talc Powder  
Chemical Name : Magnesium Silicate  
**Contact Information**  
Manufacturers : Al Habtoor Resources  
Villa 15 – s.t 9 – Al Safa 2 United Arab Emirates, Dubai.  
Telephone : +971 50 577 5958

### **Section 2: Composition and Information on Ingredients**

Product Identification : TALC POWDER  
Chemical Name : Magnesium Silicate  
Chemical Formula :  $Mg_3Si_4O_{10}(OH)_2$   
CAS No. : 14807-96-6  
HS Code : 2526 20 00

### **Section 3: Hazards Identification**

**Potential Acute Health Effects:** It is not hazardous in case of skin contact. However excessive exposure to the eyes may cause slight irritation.

**Potential Chronic Health Effects:**

CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3(Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Not available.

**Teratogenic Effects:**

This material substance is not toxic.



#### **Section 4: First Aid Measures**

**Eye Contact:** In case of contact, flush your eyes with plenty of water. Get medical attention if irritation occurs.

**Skin Contact:** Not hazardous for the skin

**Serious Skin Contact:** Not applicable

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not applicable.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt, or waistband.

**Serious Ingestion:** Not available.

#### **Section 5: Fire and Explosion Data**

**Flammability of the Product:** Non-flammable.

**Auto-Ignition Temperature:** Not applicable.

**Flash Points:** Not applicable.

**Flammable Limits:** Not applicable.

**Products of Combustion:** Not available.

**Fire Hazards in the Presence of Various Substances:** Not applicable.

**Explosion Hazards in the Presence of Various Substances:** Risks of explosion of the product in

**Presence of Mechanical Impact:** Not available. Risks of explosion of the product in.

**Presence of Static Discharge:** Not available.

**Fire Fighting Media and Instructions:** Not applicable.

**Special Remarks on Fire Hazards:** Not available.

**Special Remarks on Explosion Hazards:** Not available.

#### **Section 6: Accidental Release Measures**

**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of it according to local and regional authority requirements.



**Large Spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuation through the sanitary system. Be careful that the product is not present at a concentration level above.

### **Section 7: Handling and Storage**

**Precautions:** No specific safety phrase has been found applicable to this product.

**Storage:** Prevent from moisture and direct sunlight. Keep the container tightly closed. Keep the container in a cool, well-ventilated area.

### **Section 8: Exposure Control/ Personal Protection**

**Respiratory Protection:** Exhaust ventilation, use a dust mask when a package is opened.

**Personal Protection:** Rubber hand gloves, safety goggles, dust respirator, impervious clothing. Recommendations for personal protection are used in accordance with good industrial hygiene and safety practices.

### **Section 9: Physical and Chemical Properties**

**Properties:** Powder

**Appearance:** Solid.

**Odor:** Odorless.

**Taste:** Not available.

**Molecular Weight:** 379.27g.

**Color:** White. Grayish white.

**pH:** 8.0 to 9.0

**Boiling Point:** Not available.

**Melting Point:** Not available.

**Oil Absorption:** 30 - 50

**Specific Gravity:**

**Vapor Pressure:**

**Vapor Density:**

**Volatility:** Not available

**Density (gm/litter):** 400

**Solubility in Water:** Insoluble

**Solubility in Other Solvents:** In soluble in most of the solvents.



**Self-Ignition Temperature:** No Data  
**Combustibility Explosion Limits:** No Data Available  
**Flash Point:** No Available

#### **Section 10: Stability and Reactivity Data**

The product is stable. Not considered to be corrosive for metals and glass. Polymerization will not occur.

#### **Section 11: Toxicological Information**

**Routes of Entry:** Inhalation. Ingestion.  
**Toxicity to Animals:** LD50: Not available. LC50: Not available  
**Chronic Effects on Humans:**  
**Carcinogenic Effects:** A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. May cause damage to the following organs: lungs.  
**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (irritant), ingestion, or inhalation.  
**Special Remarks on Toxicity to Animals:** Not available  
**Special Remarks on Chronic Effects on Humans:** May cause cancer based on animal data. No human data found at this time.

#### **Section 12: Ecological Information**

**Eco Toxicity:** Not available.  
**Products of Biodegradation:** Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.  
**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.  
**Special Remarks on the Products of Biodegradation:** Not available

#### **Section 13: Disposal Information**

Waste must be disposed of in accordance with state, federal, and local environmental control regulations.



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#### **Section 14: Transport Information**

**DOT Classification:** Product not regulated by DOT, IATA/ICAO, IMO/IMDG, ADR/RID, or TDG.

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable/ Not regulated

#### **Section 15: Regulatory Information**

**Federal and State Regulations:**

**Illinois Toxic Substances Disclosure to Employee Act:**

**Talc Rhode Island RTK Hazardous Substances:**

**Talc Pennsylvania RTK:**

**Talc Minnesota: Talc Massachusetts RTK: Talc TSCA 8(b) inventory: Talc**

**Other Regulations:**

**OSHA:** Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

**EINECTS:**

This product is on the

European Inventory of Existing Commercial Chemical Substances.

**Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

**DSCL (EEC):**

This product is not classified according to the EU regulations. Not applicable.

**HMIS (U.S.A):**

**Health Hazard:**

**Fire Hazard:**

**Reactivity:**

**Personal Protection:** E

**National Fire Protection Association (U.S.A):**

**Health:** 1

**Flammability:** 0

**Reactivity:** 0

**Specific Hazard:**

**Protective Equipment:**

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Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

**Section 16: Other Information**

Created: 01/10/2024

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