

CHAITANYA CHS, 2nd FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.
CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

MATERIAL SAFETY DATA SHEET (MSDS)**TALC FINE POWDER LR****1 - Chemical Product**

MSDS Name:Talc Material Safety Data Sheet
Synonym:Magnesium Silicate Hydrate; Soapstone; Talcu

Cas NO:14807-96-6

Product Coad: T0200700500

Molecular Formula: $3\text{MgO} \cdot 4\text{SiO}_2 \cdot \text{H}_2\text{O}$
Molecular Weight: 166.4003

2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	content	EINECS#
14807-96-6	Talc	100	238-877-9

3 - HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Not available.

Potential Health Effects

Eye:Dust may cause mechanical irritation.

Skin:May cause mild skin irritation.

Ingestion:No hazard expected in normal industrial use. Ingestion of large amounts may cause gastrointestinal irritation. Low hazard for usual industrial handling.

Inhalation:Dust is irritating to the respiratory tract. Low hazard for usual industrial handling.

Chronic:Chronic inhalation can cause pneumoconiosis.

4 - FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.

Skin:Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

Ingestion:If victim is conscious and alert, give 2-4 cupfuls of milk or water.

Never give anything by mouth to an unconscious person. Wash mouth out with water. Get medical aid if irritation or symptoms occur.

Inhalation:Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Notes to Physician:

5 - FIRE FIGHTING MEASURES

General Information:As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.

6 - ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.

7 - HANDLING and STORAGE

Handling:Wash hands before eating. Use only in a well-ventilated area. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation.

Storage:Store in a cool, dry place. Keep container closed when not in use.

No special precautions indicated.

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MATERIAL SAFETY DATA SHEET (MSDS)**TALC FINE POWDER LR****8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Exposure Limits CAS# 14807-96-6: United Kingdom, WEL - TWA: 1 mg/m³ TWA (respirable dust) United Kingdom, WEL - STEL: 3 mg/m³ STEL (respirable dust) Belgium - TWA: 2 mg/m³ VLE Germany: 2 mg/m³ TWA (respirable fraction) Japan: 0.5 mg/m³ OEL (respirable dust); 2 mg/m³ OEL (total dust) Malaysia: 2 mg/m³ TWA (respirable fraction of particulate matter) Netherlands: 1 mg/m³ MAC (respirable dust) Russia: 4 mg/m³ TWA Spain: 2 mg/m³ VLA-ED (respirable fraction, this value is for the particulated matter) Personal Protective Equipment Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin: Wear appropriate protective gloves to prevent skin exposure. Clothing: Wear appropriate protective clothing to minimize contact with skin. Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Color: white
Odor: odorless
pH: Not available.
Vapor Pressure: Not applicable.
Viscosity: Not applicable.
Boiling Point: Not applicable.
Freezing/Melting Point: 800 deg C
Autoignition Temperature: Not applicable.
Flash Point: Not applicable.
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature: Non available.
Solubility in water: Insoluble in water.
Specific Gravity/Density: 2.5-2.8
Molecular Formula: 3MgO₄SiO₂H₂O
Molecular Weight: 166.4003

10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials, dust generation, excess heat.
Incompatibilities with Other Materials: Not available.
Hazardous Decomposition Products: Irritating and toxic fumes and gases, silicon dioxide.
Hazardous Polymerization: Will not occur.

11 - TOXICOLOGICAL INFORMATION

RTECS#:
CAS# 14807-96-6: WW2710000 LD50/LC50:
Not available.
Carcinogenicity:
Talc - Not listed by ACGIH, IARC, or NTP.
Other:
See actual entry in RTECS for complete information.

12 - ECOLOGICAL INFORMATION**13 - DISPOSAL CONSIDERATIONS**

Dispose of in a manner consistent with federal, state, and local regulations.

14 - TRANSPORT INFORMATION

MATERIAL SAFETY DATA SHEET (MSDS)**TALC FINE POWDER LR**

IATA
Not regulated as a hazardous material.
IMO
Not regulated as a hazardous material.
RID/ADR
Not regulated as a hazardous material.

15 - REGULATORY INFORMATION

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: Not available.
Risk Phrases:
Safety Phrases:
S 24/25 Avoid contact with skin and eyes.
WGK (Water Danger/Protection)
CAS# 14807-96-6: 0
Canada
CAS# 14807-96-6 is listed on Canada's DSL List.
CAS# 14807-96-6 is not listed on Canada's Ingredient Disclosure List.
US FEDERAL
TSCA
CAS# 14807-96-6 is listed on the TSCA inventory.

16. Other Information

Product Use: Laboratory Reagent.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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