

# Material Safety Data Sheet

## TALC

Carolina Biological Supply Company

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Replaces None Printed 3/02

### 1. Product Description

**Product Name:** Talc  
**Product Code(s):** 97-2116, GE03739, GE03739A, 95-8002, 95-8005  
**Size:** Various  
**Chemical Name:** Hydrous Magnesium Silicate  
**CAS Number:** 14807-96-6  
**Formula:** H<sub>2</sub>O<sub>3</sub>Si\*<sup>3</sup>/4Mg  
**Synonyms:** None  
**Distributor:** Carolina Biological Supply Company  
2700 York Road  
Burlington, NC 27215  
**Chemical Emergency Information:**  
800-227-1150 (8am-5pm [ET] M-F)  
**Chemtrec (Transportation Spill Response 24 hours):**  
800-424-9300

### 2. Composition/Information on Ingredients

**Principle Hazardous Components:** Talc (CAS# 14807-96-6)  
100%  
**TLV and PEL units:** Talc;  
ACGIH-TLV: 2 mg/cu meter (TWA)  
OSHA-PEL: 20 ppm

### 3. Hazardous Identification

**Emergency Overview:** Prolonged inhalation may cause damage to lungs  
**Potential Health Effects:**  
**Eyes:** May cause irritation.  
**Skin:** May cause irritation.  
**Ingestion:** May cause gastrointestinal discomfort.  
**Inhalation:** May cause irritation to respiratory tract.

### 4. First Aid Measures

**Emergency and First Aid Procedures:**  
**Eyes** - Flush with water for at least 15 minutes, raising and lowering eyelids occasionally. Get medical attention if irritation persists.  
**Skin** - Thoroughly wash exposed area for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

**Ingestion** - If swallowed, if conscious, give plenty of water. Immediately call a physician or poison control center. Never give anything by mouth to an unconscious person.  
**Inhalation** - Remove to fresh air. Give oxygen if breathing is difficult; give artificial respiration if breathing has stopped. Keep person warm, quiet, and get medical attention.

### 5. Firefighting Procedures

**Flash Point (Method Used):** None  
**NFPA Rating:** Health: 1  
Fire: 0  
Reactivity: 0  
**Extinguisher Media:** Use dry chemical, CO<sub>2</sub> or appropriate foam.  
**Flammable Limits in Air % by Volume:** N/A  
**Autoignition Temperature:** N/A  
**Special Firefighting Procedures:** None determined. Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.  
**Unusual Fire and Explosion Hazards:** None determined

### 6. Spill or Leak Procedures

**Steps to be Taken in Case Material is Released or Spilled:**  
Ventilate area of spill. Clean-up personnel should wear proper protective equipment. Avoid creating dust. Sweep or scoop up and containerize for disposal.

### 7. Special Precautions

**Precautions to be Taken in Handling or Storing:** Keep container tightly closed. Do not breathe dust. Do not get in eyes.  
**Other Precautions:** None

### 8. Special Protection Information

**Respiratory Protection (Specify Type):** None required with adequate ventilation under normal conditions.  
**Ventilation:** Local Exhaust: Yes  
Mechanical (General): Yes  
Special: No  
Other: No  
**Protective Gloves:** Rubber, neoprene, PVC, or equivalent.  
**Eye Protection:** Splash-proof chemical safety goggles should be worn at all times.  
**Other Protective Clothing or Equipment:** Lab coat, eye wash, and safety shower.

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## TALC (cont.)

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### 9. Physical Data

**Molecular Weight:** 96.33

**Melting Point:** N/A

**Boiling Point:** N/A

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** N/A

**Specific Gravity (H<sub>2</sub>O=1):** 2.7

**Percent Volatile by Volume:** 0

**Evaporation Rate (H<sub>2</sub>O=1):** N/A

**Solubility in Water:** Negligible (<0.1%)

**Appearance and Odor:** White-yellow powder

### 10. Reactivity Data

**Stability:** Stable

**Conditions to Avoid:** Dusting

**Incompatibility (Materials to Avoid):** None determined

**Hazardous Decomposition Products:** MgOx

**Hazardous Polymerization:** Will not occur

### 11. Toxicity Data

**Toxicity Data:** None determined. Tests on laboratory animals indicate material may cause tumors.

**Effects of Overexposure:**

Acute: See section 3

Chronic: Lung damage

**Conditions Aggravated by Overexposure:** Chronic respiratory disease

**Target Organs:** Respiratory system, lungs

**Primary Route(s) of Entry:** Inhalation, ingestion, skin contact, eye contact

### 12. Ecological Data

**EPA Waste Numbers:** None assigned

### 13. Disposal Information

**Waste Disposal Methods:** Dispose in accordance with all applicable Federal, State and Local regulations.

Always contact a permitted waste disposer (TSD) to assure compliance.

### 14. Transport Information

N/A

### 15. Regulatory Information

**EPA TECA Status:** On TECA Inventory: Yes

**Hazard Category for SARA Section 311/312 Reporting:** Acute

#### SARA Sec. 313

Product or Components	SARA EHS	Chemicals	CERCLA RCRA		
	Sec. 302 TPQ	Name List	Chemical Category	Sec. 103 RQ lbs.	Sec. 261.33
Talc	No	No	No	No	No

### 16. Additional Information

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

#### Glossary

**ACGIH** American Conference of Governmental Industrial Hygienists

**CAS Number** Chemical Services Abstract Number

**CERCLA** Comprehensive Environmental Response, Compensation, and Liability Act

**DOT** U.S. Department of Transportation

**IARC** International Agency of Research on Cancer

**N/A** Not Available

**NTP** National Toxicology Program

**OSHA** Occupational Safety and Health Administration

**PEL** Permissible Exposure Limit

**ppm** parts per million

**RCRA** Resource Conservation and Recovery Act

**SARA** Superfund Amendments and Reauthorization Act

**TLV** Threshold Limit Value

**TSCA** Toxic Substances Control Act