

# **MATERIAL SAFETY DATA SHEET**

TALC BABY POWDER  
CAROLINA BIOLOGICAL SUPPLY COMPANY

Revised: 09/05/00  
Replaces: None  
Printed: 22/05/00

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## **1. PRODUCT DESCRIPTION**

Product Name: Talc  
Product Code(s): 97-2116, GEO3739, GEO3739A, 95-8002, 95-8005  
Size: Various  
Chemical Name: Hydrous Magnesium Silicate  
CAS Number: 14807-96-6  
Formula:  $H_2O_3Si_{3/4}Mg$   
Synonyms: None  
Distributor: Carolina Biological Supply Company  
2700 York Road  
Burlington, NC 27215  
Chemical 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. HAZARD 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  
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### Extinguisher Media:

Use dry chemical, CO2 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:

## **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

## **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(H2O=1): 2.7

Percent Volatile by Volume:0

Evaporation Rate(H2O=1): N/A

Solubility in Water: Negligible(<0.1%)

Appearance and Odor: White-yellow powder

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## 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 TSCA Status: On TSCA Inventory: Yes  
Hazard Category for SARA Section 311/312 Reporting: Acute

Product or Components	SARA EHS	SARA Sec. 313	CERCLA	RCRA
	Sec. 302	Name Chemical List 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.

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### 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