



610, rue Adanac, Quebec (Quebec) G1C 7B7

## SAFETY DATA SHEET

Poison control center (Quebec)  
(800) 463-5060

Tel. (Qc): (418) 660-8666  
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Fax. (Qc): (418) 660-8998

### 1. IDENTIFICATION

#### Product identifier

**Product Name** TALC (POWDER)

#### Other means of identification

**Product Code(s)** TP-0126

**Synonyms** Talc Magnesium Silicate Hydrate.

#### Recommended use of the chemical and restrictions on use

**Recommended Use** Mineral additive.

**Restricted Uses** No information available

#### Supplier Identifier

**Laboratoire MAT Inc.**  
610 Adanac, Québec, Qc, Canada **G1C 7B7**  
www.labmat.com  
labmat@labmat.com

#### Emergency telephone number

**24 Hour Emergency Phone Number (CANUTEC): 1-888-226-8832 (1-888-CAN-UTEC)**

### 2. HAZARD IDENTIFICATION

#### Hazardous Classification of the substance or mixture

Carcinogenicity	Category 1A
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#### Label elements

**Hazard pictograms**



**Signal Word: Danger**

**Hazard statements**

May cause cancer

**Precautionary Statements**

**Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

**Response**

IF exposed or concerned: Get medical advice/attention

**Storage**

Store locked up

**Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Not applicable.

**Mixture**

Chemical Name	CAS No	Weight-%	Synonyms
Talc (containing non asbestos fibers)	14807-96-6	90 - 100%	Talc (containing non asbestos fibers)
Quartz, Crystalline Silica	14808-60-7	0 - 10%	Quartz, Crystalline Silica

### 4. FIRST AID

**Description of first aid measures**

**General advice**

IF exposed or concerned: Get medical advice/attention.

**Inhalation**

Remove to fresh air.

**Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact**

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Wash skin with soap and water.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed:**

May cause skin irritation Dust or powder may irritate the eye. May cause temporary irritation of the throat, stomach and gastrointestinal tract. Long-term excessive exposures may cause Talcosis, pulmonary fibrosis, which in turn may lead to severe and permanent damage to the lungs.

**Indication of any immediate medical attention and special treatment needed:**

**Note to physicians**

Treatment based on sound judgment of physician and individual reactions of patient.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing media appropriate for surrounding fire.

**Specific hazards arising from the substance or mixture**

None expected. Not flammable.

**Hazardous combustion products**

None known.

**Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

**Environmental precautions**

See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

Prevent further leakage or spillage if safe to do so.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Wash thoroughly after handling. Avoid dust generation. Avoid contact with eyes, skin and clothing.

**Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well ventilated area. Store in accordance with good industrial practices.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

Chemical Name	Alberta OEL	British Columbia OEL	Ontario	Quebec OEL	Exposure Limit - ACGIH	Immediately Dangerous to Life or Health - IDLH
Talc (containing non asbestos fibers) 14807-96-6	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	2 mg/m <sup>3</sup> TLV-TWA	1000 mg/m <sup>3</sup>
Quartz, Crystalline Silica 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.10 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	0.025 mg/m <sup>3</sup> TLV-TWA	50 mg/m <sup>3</sup>

Consult local authorities for recommended exposure limits

### Appropriate engineering controls

#### Engineering controls

Use process enclosure, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Chemical goggles; also wear a face shield if splashing hazard exists.

#### Hand protection

Appropriate chemical resistant gloves should be worn.

#### Skin and body protection

Wear suitable protective clothing.

#### Respiratory protection

If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator.

#### General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### Appearance

Physical state	Powder
Color	White
Odor	Odorless
Odor threshold	No information available

#### PROPERTIES

#### Values

#### Remarks • Method

pH	No data available	None known
Melting point / freezing point	No data available	None known
Initial boiling point/boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		

<b>Upper flammability limit:</b>	No data available	
<b>Lower flammability limit:</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Relative vapor density</b>	No data available	None known
<b>Specific Gravity</b>	2.8	
<b>Water solubility</b>	Insoluble	
<b>Solubility in other solvents</b>	No data available	
<b>Partition coefficient</b>	No data available	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No information available.	
<b>Oxidizing properties</b>	No information available.	
<b>Molecular weight</b>	No information available	
<b>VOC Percentage Volatility</b>	No information available	
<b>Liquid Density</b>	No information available	
<b>Bulk density</b>	No information available	

## 10. STABILITY AND REACTIVITY

### Reactivity/Chemical Stability

Stable under normal conditions

### Possibility of hazardous reactions

No additional remark.

### Conditions to avoid

None known based on information supplied.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Inhalation

Long-term excessive exposures may cause Talcosis, pulmonary fibrosis, which in turn may lead to severe and permanent damage to the lungs.

#### Eye contact

Dust or powder may irritate the eye.

#### Skin contact

May cause skin irritation.

#### Ingestion

May cause temporary irritation of the throat, stomach and gastrointestinal tract.

### Information on toxicological effects

#### Symptoms

Respirable crystalline silica can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis may be progressive; it may

lead to disability and death. There is evidence that the disease silicosis is associated with the increased incidence of scleroderma, an autoimmune disorder manifested by a fibrosis (scarring) of the skin and internal organs. Silicosis increases the risk of tuberculosis. There are several studies suggesting that exposure to respirable crystalline silica or that the disease silicosis is associated with the increased incidence of kidney disorder.

### **Numerical measures of toxicity**

#### **Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** 50,000.00 mg/kg

**Unknown acute toxicity** No information available

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Talc (containing non asbestos fibers) 14807-96-6	Not available	Not available	Not available
Quartz, Crystalline Silica 14808-60-7	= 500 mg/kg ( Rat )	Not available	Not available

### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

#### **Skin corrosion/irritation**

May cause skin irritation.

#### **Serious eye damage/eye irritation**

Dust or powder may irritate the eye.

#### **Respiratory or skin sensitization**

No information available.

#### **Germ cell mutagenicity**

No information available.

#### **Carcinogenicity**

Crystalline silica is also a known cause of silicosis, a noncancerous lung disease caused by excessive exposure to crystalline silica.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Talc (containing non asbestos fibers) 14807-96-6	Not available	Group 2B Group 3	Not available	X
Quartz, Crystalline Silica 14808-60-7	A2	Group 1	Known	X

#### **Legend**

##### **ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

##### **IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

##### **NTP (National Toxicology Program)**

Known - Known Carcinogen

##### **OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

#### **Reproductive toxicity**

No information available.

#### **Specific target organ systemic toxicity - single exposure**

No information available.

**Specific target organ systemic toxicity - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Chemical Name	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Fish Species Data	Toxicity to microorganisms	Crustacea
Talc (containing non asbestos fibers) 14807-96-6	Not available	100 g/L LC50 (Brachydanio rerio) 96 h semi-static	Not available	Not available
Quartz, Crystalline Silica 14808-60-7	Not available	Not available	Not available	Not available

**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Partition coefficient
Talc (containing non asbestos fibers) 14807-96-6	Not available
Quartz, Crystalline Silica 14808-60-7	Not available

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

**TDG (Canada):**

UN Number	Not applicable
Shipping name	Not regulated
Class	Not applicable
Packing Group	Not applicable
Marine pollutant	Not available.

**DOT (U.S.)**

UN Number	Not applicable
Shipping name	Not regulated
Class	Not applicable
Packing Group	Not applicable
Marine pollutant	Not available

## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

### U.S. Regulatory Rules

Chemical Name	CERCLA/SARA - Section 302:	SARA (311, 312) Hazard Class:	CERCLA/SARA - Section 313:
Talc (containing non asbestos fibers) - 14807-96-6	Not Listed	Not Listed	Not Listed
Quartz, Crystalline Silica - 14808-60-7	Not Listed	Not Listed	Not Listed

### International Inventories

**TSCA** Complies

**DSL/NDSL** Complies

### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

**NFPA:** Health hazards 0 Flammability 0 Instability 0 Physical and chemical properties -  
**HMIS Health Rating:** Health hazards \* Flammability 0 Physical hazards 0 Personal protection X

### **Legend** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling

Maximum limit value

\*

Skin designation



**Disclaimer:****NOTICE TO READER:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Laboratoire MAT Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

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**End of Safety Data Sheet**