



SAFETY DATA SHEET

SDS02119
TALC SERICRON

Preparation Date: 05/Jan/2018

Version: 1

1. IDENTIFICATION

Product identifier

Product Name TALC SERICRON

Other means of identification

Product Code(s) SDS02119

Synonyms Talc Magnesium Silicate Hydrate. Sericron 2M, Sericron 3M, Sericron 4M, Sericron 5M, Sericron 6M

Recommended use of the chemical and restrictions on use

Recommended Use Mineral additive.

Restricted Uses No information available

Initial Supplier Identifier

Univar Canada Ltd.
9800 Van Horne Way
Richmond, BC V6X 1W5
Telephone: 1-866-686-4827

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
Specific target organ toxicity (single exposure)	Category 1

Label elements

Hazard pictograms



Signal Word: Danger

Hazard statements

May cause cancer
Causes damage to organs

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
Do not breathe dust/fume/gas/mist/vapors/spray
Wash hands thoroughly after handling
Do not eat, drink or smoke when using this product

Response

IF exposed or concerned: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

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)
Chlorite	1318-59-8	30 - 40%	Chlorite
Dolomite	16389-88-1	10 - 20%	Dolomite
Quartz, Crystalline Silica	14808-60-7	0 - 10%	Quartz, Crystalline Silica
Magnesium Carbonate	546-93-0	0 - 10%	Magnesium Carbonate

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

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 ³	TWA: 2 mg/m ³	TWA: 2 mg/m ³	TWA: 3 mg/m ³	2 mg/m ³ TLV-TWA	1000 mg/m ³
Chlorite 1318-59-8	Not available	Not available	Not available	Not available	Not available	Not available
Dolomite 16389-88-1	Not available	Not available	Not available	Not available	Not available	Not available
Quartz, Crystalline Silica 14808-60-7	TWA: 0.025 mg/m ³	TWA: 0.025 mg/m ³	TWA: 0.10 mg/m ³	TWA: 0.1 mg/m ³	0.025 mg/m ³ TLV-TWA	50 mg/m ³
Magnesium Carbonate 546-93-0	Not available	TWA: 10 mg/m ³ TWA: 3 mg/m ³	Not available	TWA: 10 mg/m ³	Not available	Not available

Consult local authorities for recommended exposure limits

Appropriate engineering controls

Engineering controls

Use local exhaust.

Individual protection measures, such as personal protective equipment

Eye/face protection

Dust proof goggles.

Hand protection

Impervious gloves.

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

<u>PROPERTIES</u>	<u>Values</u>	<u>Remarks • Method</u>
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		
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Specific Gravity	2.8	
Water solubility	Insoluble	
Solubility in other solvents	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No information available.	
Oxidizing properties	No information available.	
Molecular weight	No information available	
VOC Percentage Volatility	No information available	
Liquid Density	No information available	
Bulk density	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) 10,000.00 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
Chlorite 1318-59-8	Not available	Not available	Not available
Dolomite 16389-88-1	Not available	Not available	Not available
Quartz, Crystalline Silica 14808-60-7	= 500 mg/kg (Rat)	Not available	Not available
Magnesium Carbonate 546-93-0	Not available	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

Classification based on data available for ingredients.

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
Chlorite 1318-59-8	Not available	Not available	Not available	Not available
Dolomite 16389-88-1	Not available	Not available	Not available	Not available
Quartz, Crystalline Silica 14808-60-7	A2	Group 1	Known	X
Magnesium Carbonate 546-93-0	Not available	Not available	Not available	Not available

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

Causes damage to organs.

Specific target organ systemic toxicity - repeated exposure

No information available.

Target organ effects

Lungs, Respiratory System.

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
Chlorite 1318-59-8	Not available	Not available	Not available	Not available

Dolomite 16389-88-1	Not available	Not available	Not available	Not available
Quartz, Crystalline Silica 14808-60-7	Not available	Not available	Not available	Not available
Magnesium Carbonate 546-93-0	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
Chlorite 1318-59-8	Not available
Dolomite 16389-88-1	Not available
Quartz, Crystalline Silica 14808-60-7	Not available
Magnesium Carbonate 546-93-0	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

Additional information

All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt. All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

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
Chlorite - 1318-59-8	Not Listed	Not Listed	Not Listed
Dolomite - 16389-88-1	Not Listed	Not Listed	Not Listed
Quartz, Crystalline Silica - 14808-60-7	Not Listed	Not Listed	Not Listed
Magnesium Carbonate - 546-93-0	Not Listed	Not Listed	Not Listed

International Inventories

TSCA Does not Comply
DSL/NDSL Does not Comply

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 * 0 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

Prepared By: The Environment, Health and Safety Department of Univar Canada Ltd.

Preparation Date: 05/Jan/2018

Revision Date: 05/Jan/2018

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End of Safety Data Sheet