



## Vertifix

### Section 1. Identification

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**Common name:** Vertifix

**Synonym:** Not applicable

**Material uses:** Industrial application

**Supplier / Manufacturer:**

**La Margna inc**

412 avenue Saint-Sacrement

Québec

Québec, Canada, G1N 3Y3

Phone: 1-800-463-6850

**In case of emergency:**

**CANUTEC: (613) 996-6666**

**Or call your local Emergency Health Services Center.**

### Section 2. Hazards identifications

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**Classification:**



Carcinogenicity, Category 1A

Specific target organ toxicity - Repeated exposure, Category 1

**Signal word:** Danger

**Hazard statements:**

H350: May cause cancer.

H372: Causes damage to organs through prolonged or repeated exposure.

**Precautionary statements:**

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P264: Wash exposed and/or contaminated area thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313: If exposed: Call a POISON CENTER or doctor/physician.

P314: Get medical advice/attention if you feel unwell.

P405: Store locked up.

P501: Dispose of contents / container by a local waste disposal company according to regional regulations.

### Section 3. Composition and information on ingredients

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Name	CAS	Concentration %
Calcium carbonate	1317-65-3	60
Attapulgite	12174-11-7	5
Glycol propylene	57-55-6	5
Crystalline silica	14808-60-7	5

### Section 4. First aid measures

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**Description of first aid if required:**

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

**Eye contact:**

Rinse eyes thoroughly with water for at least 15 minutes.

**Skin contact:**

Take off immediately all contaminated clothing. Rinse the skin with water.

**Inhalation:**

Bring the conscious victim to fresh air.

**Ingestion:**

Do NOT induce vomiting.

**Indication of immediate medical attention and special treatment needed, if necessary:**

Treat according to symptoms.

**Most important acute symptoms and effects:**

No known acute effects and/or symptoms.

**Most important delayed symptoms and effects:**

May cause cancer. Causes damage to organs through prolonged or repeated exposure.

### Section 5. Fire fighting measures

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**Flammability of the product:**

Non-flammable

**Flash point:**

N/A

**Auto-ignition temperature:**

N/A

**Products of combustion:**

Not applicable

**Special protective actions for fire-fighters:**

Wear self-contained breathing apparatus and appropriate protective clothing.

**Suitable extinguishing media:**

Use means of extinction the most suited to the surrounding materials.

### Section 6. Accidental release measures

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

**For non emergency personnel:** Evacuate the area.

**For emergency personnel:** Wear appropriate protective equipment and clothing during clean-up. (See section 8)

**Environmental precautions:**

Do not let product enter drains

**Methods and material for containment and cleaning up:**

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

**Section 7. Handling and storage****Precautions in Handling:**

Do not ingest. Do not breathe vapours. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

**Precautions in Storage:**

Keep container tightly closed in a cool, dry and well-ventilated place.

**Section 8. Exposure Controls, Personal Protections****Control parameters:**

Component	CAS	Value	Control parameters	Basis
Calcium carbonate	1317-65-3	TWA	10 mg/m <sup>3</sup>	CNESST
		TWA	5 mg/m <sup>3</sup> (inhalable fraction)	OSHA
		TWA	15 mg/m <sup>3</sup>	OSHA
Attapulgate	12174-11-7	TWA	1 mg/m <sup>3</sup>	ACGIH
Crystalline silica	14808-60-7	PEL	0.05 mg/m <sup>3</sup> (inhalable fraction)	OSHA
		TWA	0.025 mg/m <sup>3</sup> (inhalable fraction)	ACGIH
		TWA	0.1 mg/m <sup>3</sup> (inhalable fraction)	CNESST

**Engineering controls:**

Use mechanical exhaust or laboratory fumehood to avoid exposure.

**Personal protective equipment:**

**Eyes:** Wear safety glasses.

**Skin/body:** Wear a lab coat or any other appropriate protective clothing.

**Respiratory:** If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

**Hands:** Wear chemical resistant protective gloves.

**Section 9. Physical and chemical properties**

**Physical state:** Liquid

**Color:** White

**Odour:** Odorless

**Melting point/Freezing point:** Data not available

**Boiling point:** Data not available

**Appearance:** Liquid

**Flash point:** Data not available

**Auto-ignition temperature:** Data not available

**pH:** Data not available

**Solubility:** Miscible

**Density:** 1.45 - 1.55

## Section 10. Stability and reactivity

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**Chemical reactivity:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** None expected

**Conditions to avoid:** Incompatible materials, excessive heat

**Incompatible materials:** Material that reacts with water

**Hazardous decomposition products:** Carbon oxides

## Section 11. Toxicological information

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### Acute toxicity:

Component	CAS	Value
Calcium carbonate	1317-65-3	DL <sub>50</sub> Oral: Rat = 6450 mg/kg
Glycol propylene	57-55-6	DL <sub>50</sub> Oral: Rat = 21700 mg/kg DL <sub>50</sub> Oral: Mouse = 24800 mg/kg DL <sub>50</sub> Oral: Dog = 22000 mg/kg DL <sub>50</sub> Oral: Rabbit = 19300 mg/kg DL <sub>50</sub> Cutaneous: Rabbit = 20800 mg/kg CL <sub>50</sub> Inhalation: Rat - = 44900 mg/m <sup>3</sup> 4h

### Skin corrosion/irritation:

Not applicable

### Serious eye damage/irritation:

Not applicable

### Respiratory or skin sensitisation:

Not applicable

### Gem cell mutagenicity:

Not applicable

### Carcinogenicity:

Attapulgit: Suspected of causing cancer.

Crystalline silica: Suspected of causing cancer

### Reproductive toxicity:

Not applicable

### STOT- Single exposure:

Not applicable

### STOT- repeated exposure:

Crystalline silica: Causes damage to organs through prolonged or repeated exposure cause the hazard (lungs)

**Aspiration hazard:**

Not applicable

**Information on likely route of exposure:**

Not applicable

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**Section 12. Ecological information**

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**Ecological data for aquatic environments:**

None

**Persistence and degradability:**

Calcium carbonate: Not applicable

**Bioaccumulative potential:**

Calcium carbonate: Not applicable

**Mobility in soil:**

Data not available

**Other adverse effects:**

Data not available

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**Section 13. Disposal considerations**

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**Waste disposal:**

Dispose of the chemical waste is in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers. Place the containers in storage area of dangerous chemical waste.

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**Section 14. Transportation information**

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No TDG/DOT/IMDG/IATA Classification

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**Section 15. Regulatory information**

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**NFPA Classification:**

Health: 1  
Flammable: 0  
Reactivity: 0  
Specials conditions: 0

**Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous**

**General product information:**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the safety data sheet contains all of the required information.

## Section 16. Additional information

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**Date of issue:**

2020-02-14

**Version:**

1.00

**Elaborated by:**

Toxyscan inc.

**Notice to reader:**

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**Références:**

- *Répertoire toxicologique of la Commission des normes, de l'équité, de la santé et de la sécurité du travail.*
- *Registry of Toxic effects of Chemical Substances of the Canadian Centre for Occupational Health and Safety.*
- *Material safety data sheet from the manufacturer.*
- *Hazardous Products Regulations (DORS/2015-17).*
- *Canadian Transport of Dangerous Goods.*
- *GHS (rev.8) (2019) globally harmonized system of classification and labeling of chemicals - united nations*