

## Safety data sheet

According to 1907/2006/EC (REACH), 1272/2008/EC (CLP),  
and US GHS



Printing date: 11.06.2018

Revision: 11.06.2018

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1</b>	<b>Product Identifier</b>	<b>Larnite</b>
	<b>GHS Product Identifier</b>	<b>Larnite</b>
	<b>Chemical Name</b>	<b>Calcium Silicate</b>
	<b>Trade Name</b>	See Product Identifier
	<b>CAS No.</b>	1344-95-2
	<b>EINECS No.</b>	215-710-8
	<b>REACH Registration No.</b>	Not available
<b>1.2</b>	<b>Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against</b>	
	Application of the substance / the mixture	Product Component
<b>1.3</b>	<b>Details Of The Supplier Of The Safety Data Sheet</b>	
	Company Identification	<b>Washington Mills</b>
	Address	1801 Buffalo Avenue Niagara Falls, NY 14302
	Telephone	(716) 278-6600
	E-Mail (Competent Person)	<a href="mailto:info@washingtonmills.com">info@washingtonmills.com</a>
<b>1.4</b>	<b>Emergency Telephone Number – ChemTel</b>	
	<b>(800)255-3924 (USA/Canada), 813-248-0585 (International)</b>	

### SECTION 2: HAZARDS IDENTIFICATION

<b>2.1</b>	<b>Classification Of The Substance Or Mixture</b>		
<b>2.1.1</b>	<b>Classification according to Regulation (EC) No. 1272/2008 (CLP)</b>		
	The product is not classified as hazardous according to the Globally Harmonized System (GHS). The product is not classified as hazardous according to the CLP regulation.		
<b>2.2</b>	<b>Label Elements</b>		
<b>2.2.1</b>	<b>Label Elements According to Regulation (EC) No. 1272/2008 (CLP)</b>		
	This product does not have a classification according to the CLP regulation. The product is not classified as hazardous according to OSHA GHS regulations within the United States.		
	<b>Hazard Pictogram(s)</b>	Not Regulated	<b>Signal Word(s)</b> Not Regulated
	<b>Hazard-determining components of labelling:</b>		None
	<b>Hazard Statement(s)</b>	Not Regulated	
	<b>Additional information</b>	Safety data sheet available on request.	
	<b>Hazard description:</b>		
	<b>WHMIS-symbols:</b> Not hazardous under WHMIS.		
	<b>NFPA ratings (scale 0 - 4)</b>		Health = 0 Fire = 0 Reactivity = 0
	<b>HMIS-ratings (scale 0 - 4)</b>		Health = 0 Fire = 0 Reactivity = 0
	<b>HMIS Long Term Health Hazard Substances</b>	13463-7 titanium dioxide	
<b>2.3</b>	<b>Other Hazards</b>		
	<b>Results of PBT and vPvB assessment</b>	PBT: Not applicable. vPvB: Not applicable.	

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

##### CAS No. Description

1344-95-2 Silica acid, calcium salt

##### Identification number(s)

EC number: 215-710-8

##### Dangerous Components:

Hazardous Ingredient(s)	%W/W	CAS No.	EC No.	Hazard Pictogram(s)	Hazard Statement(s) and Risk (R) Phrase(s)
titanium dioxide	≤ 2,5	13463-67-7	236-675-5	None	substance with a Community workplace exposure limit

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of First Aid Measures

**General Information:** No special measures required

**After Inhalation:** Supply fresh air; consult doctor in case of complaints.

**After Skin Contact:** Brush off loose particles from skin. Wash with soap and water. If skin irritation is experienced, consult a doctor.

**After Eye Contact:** Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After Swallowing:** Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.

#### 4.2 Most Important Symptoms And Effects, Both Acute And Delayed

Slight irritant effect on eyes.

#### Hazards

No further relevant information available.

#### 4.3 Indication Of The Immediate Medical Attention And Special Treatment Needed

No further relevant information available.

### SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media

**Suitable Extinguishing Media** Use fire extinguishing methods suitable to surrounding conditions.

**Unsuitable Extinguishing Media** None.

#### 5.2 Special Hazards Arising From The Substance Or Mixture

No further relevant information available.

#### 5.3 Advice for Fire-Fighters

Wear self-contained respiratory protective device. Wear fully protective suit.

**Additional Information** No further relevant information available.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal Precautions, Protective Equipment And Emergency Procedures

Avoid formation of dust. For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

#### 6.2 Environmental Precautions

For large spills, wear protective clothing. Ensure adequate ventilation.

No special measures required.

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<b>6.3</b>	<b>Methods And Material For Containment And Cleaning Up</b>	Pick up mechanically. Ensure adequate ventilation. Dispose contaminated material as waste according to item 13.
<b>6.4</b>	<b>Reference To Other Sections</b>	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

### SECTION 7: HANDLING AND STORAGE

<b>7.1</b>	<b>Precautions For Safe Handling</b>	Use only in well ventilated areas. Prevent formation of dust. Any unavoidable deposit of dust must be regularly removed. Do not dry clean dust covered objects and floors. Wash thoroughly with plenty of water.
	<b>Information About Fire – and explosion protection</b>	No special measures required.
<b>7.2</b>	<b>Conditions For Safe Storage, Including Any Incompatibilities: Requirements to be Met by Storerooms and Receptacles: Information About Storage in One Common Storage Facility: Further information about storage conditions:</b>	Store in a cool location.  Store away from oxidising agents. Store away from foodstuffs. Do not store together with acids.  Store in cool, dry conditions in well sealed receptacles.
<b>7.3</b>	<b>Specific End Use(s)</b>	No further relevant information available.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Additional information about design of technical facilities:** No further data; see item 7.

#### 8.1 Control Parameters

**Ingredients with limit values that require monitoring at the workplace:**

Silicic acid, calcium salt	1344-95-2	PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
		REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
		TLV (USA)	Long-term value: 10 mg/m <sup>3</sup> synthetic nonfibrous, E
		EL (Canada)	Long-term value: 10* 3** mg/m <sup>3</sup> *total dust, **respirable fraction respirable, as Al
		EV (Canada)	Long-term value: 10 mg/m <sup>3</sup> total dust
titanium dioxide	13463-67-7	PEL (USA)	Long-term value: 15* mg/m <sup>3</sup> *total dust
		REL (USA)	See Pocket Guide App. A
		TLV (USA)	Long-term value: 10 mg/m <sup>3</sup> withdrawn from NIC
		EL (Canada)	Long-term value: 10* 3** mg/m <sup>3</sup> *total dust; **respirable fraction; IARC 2B
		EV (Canada)	Long-term value: 10 mg/m <sup>3</sup> total dust

**DNELs** No further relevant information available.

**PNECs** No further relevant information available.

**Additional information:** The lists valid during the making were used as basis.



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<b>8.2</b>	<b>Exposure Controls</b>	
<b>8.2.2</b>	<b>Personal Protective Equipment:</b>	
	<b>General protective and hygienic measures:</b>	The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Do not inhale dust / smoke / mist. Avoid contact with the eyes. Avoid close or long term contact with the skin.
	<b>Respiratory Protection</b>	Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present. For spills, respiratory protection may be advisable.
	<b>Eye Protection</b>	Wear safety glasses.
	<b>Protection of Hands</b>	Wear protective gloves.
	<b>Body Protection</b>	Not required under normal conditions of use. Protection may be required for spills.
	<b>Limitation and supervision of exposure into the environment</b>	No further relevant information available.
	<b>Risk Management Measures</b>	No special requirements.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1</b>	<b>Information On Basic Physical And Chemical Properties</b>		
Appearance	Granulate	Color	White
Odor	Odourless	Odor Threshold (ppm)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available	Boiling Point/Boiling Range (°C)	Not available
Flash Point (°C)	No Data	Explosive Limit Ranges	Not available
Auto Ignition Temperature (°C)	Not available	Decomposition Temperature (°C)	Not available
Explosive Properties	None	Oxidizing Properties	Not available
Flammability (Solid, Gas)	Not available	Ph (Value)	Not available
Evaporation Rate	N/A	Vapor Pressure (mm Hg)	Not available
Vapor Density (Air=1)	N/A	Density (g/ml)	2,9 g/cm <sup>3</sup>
Solubility (Water)	Insoluble	Solubility (Other)	Not available
Partition Coefficient (N-Octanol/Water)	Not available	Viscosity (mPa.s)	Not available
<b>9.2</b>	<b>Other Information</b> Volatile Organic Chemical (VOC) Content – Not Available.		

## SECTION 10: STABILITY AND REACTIVITY

<b>10.1</b>	<b>Reactivity</b>	
<b>10.2</b>	<b>Chemical Stability</b>	
	<b>Thermal Decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications.
<b>10.3</b>	<b>Possibility of Hazardous Reactions</b>	Reacts with strong acids and alkali. Reacts with strong oxidising agents.

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<b>10.4 Conditions To Avoid</b>	No further relevant information available.
<b>10.5 Incompatible Materials</b>	No further relevant information available.
<b>10.6 Hazardous Decomposition Product(s)</b>	Possible in traces.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on Toxicological Effects

<b>Acute toxicity:</b>	
<b>Primary Irritant Effect:</b>	
<b>On the skin:</b>	No irritant effect.
<b>On the eye:</b>	Slight irritant effect on eyes.
<b>Sensitisation:</b>	No sensitizing effects known.
<b>Additional toxicological information:</b>	When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. The substance is not subject to classification according to the latest version of the EU lists.
<b>CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):</b>	Contains known or suspect carcinogens when inhaled. Product is in non-inhalable form and is non-classifiable as a carcinogen.

### SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	
<b>Aquatic toxicity:</b>	No further relevant information available.
<b>12.2 Persistence and Degradability</b>	No further relevant information available.
<b>12.3 Bioaccumulative Potential</b>	No further relevant information available.
<b>12.4 Mobility in Soil</b>	No further relevant information available.
<b>Additional ecological information:</b>	
<b>General notes:</b>	Not known to be hazardous to water.
<b>12.5 Results of PBT and vPvB Assessment</b>	<b>PBT:</b> Not applicable. <b>vPvB:</b> Not applicable.
<b>12.6 Other Adverse Effects</b>	No further relevant information available.

### SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste Treatment Methods Recommendation</b>	Smaller quantities can be disposed of with household waste. Contact waste processors for recycling information. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
<b>Uncleaned Packaging: Recommendation:</b>	Disposal must be made according to official regulations.

### SECTION 14: TRANSPORT INFORMATION

Land Transport (ADR/RID) (c)(d)		Land Transport (Within USA) (b)(d)	
UN Number	None	UN Number	None
Proper Shipping Name	Not classified as dangerous for transport.	Proper Shipping Name	Not classified as dangerous for transport.
Transport Hazard Class(es)	None	Transport Hazard Class(es)	None
Packing Group	None	Packing Group	None
Hazard Label(s)	None	Hazard Label(s)	None

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Environmental Hazards	None	Environmental Hazards	None
Special Precautions For User	None	Special Precautions For User	None
<b>Sea Transport (IMDG) (c)</b>		<b>Air Transport (ICAO/IATA) (c) (d)</b>	
UN Number	None	UN Number	None
Proper Shipping Name	Not classified as dangerous for transport.	Proper Shipping Name	Not classified as dangerous for transport.
Transport Hazard Class(es)	None	Transport Hazard Class(es)	None
Packing Group	None	Packing Group	None
Marine Pollutant	None	Marine Pollutant	None
Special Precautions For User	None	Special Precautions For User	None
<p>(b)- ORM-D may be applicable within the USA for package sizes less than 30kg.                  (c)- Consult with transport provider.                  (d)- Check relevant regulations for Special Provisions.</p> <p><b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b></p>			

### SECTION 15: REGULATORY INFORMATION

#### 15.1 Safety, Health And Environmental Regulations/Legislation Specific For The Substance Or Mixture

##### USA

##### SARA

Section 355 (extremely hazardous substances)

Substance is not listed.

SARA 313 (Specific toxic chemical listings)

Substance is not listed.

TSCA (Toxic Substance Control Act)

Substance is listed.

##### Proposition 65 (California):

Chemicals known to cause cancer:

Reference to Titanium Dioxide is based on unbound respirable particles and not generally applicable to product as supplied.

13463-67-7 titanium dioxide

Chemicals known to cause reproductive toxicity for females:

Substance is not listed.

Chemicals known to cause reproductive toxicity for males:

Substance is not listed.

Chemicals known to cause developmental toxicity:

Substance is not listed.

##### Carcinogenic Categories

EPA (Environmental Protection Agency)

Substance is not listed.

IARC (International Agency for Research on Cancer)

13463-67-7 titanium dioxide

2B

**TLV (Threshold Limit Value established by ACGIH)**

1344-95-2 Silicic acid, calcium salt

A4

13463-67-7 titanium dioxide

A4

**MAK (German Maximum Workplace Concentration)**

13463-67-7 titanium dioxide

3A

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

13463-67-7 titanium dioxide

##### Canada

Canadian Domestic Substances List (DSL)

Substance is listed.

Canadian Ingredient Disclosure list (limit 0.1%)

Substance is not listed.

Canada Ingredient Disclosure list (limit 1%)

Substance is not listed.

##### Other regulations, limitations and prohibitive regulations

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Substances of very high concern (SVHC) according to REACH, Article 57	Substance is not listed.
<b>15.2 Chemical Safety Assessment</b>	A Chemical Safety Assessment has not been carried out.

### SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Additional information:

- The accumulation of airborne dust particles may lead to health and safety risks in some cases. The use of good industrial practices will mitigate this risk.
- The health risks from inhalation of dust particles vary; this is due to particle concentration, exposure length, number of exposures and type of particles inhaled. Please read Section 2,4,6,7 and 8 of the SDS to understand these potential risks. Wear personal protective equipment and follow storage and handling procedures to maintain a safe workplace.
- In rare instances, combustible dusts may represent a potential explosion hazard when airborne. This hazard is often associated with organic dust such as foodstuffs and coal, but may also occur with mineral products. While the majority of our products would be considered non-combustible, the overall airborne environment should be considered when determining the need for mitigation from the potential hazard. Consult recognized experts when necessary in order to determine any possible hazard.

Please read the SDS for specific information concerning these hazards, and contact us with any further questions. We appreciate your continued business.

#### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

#### Sources

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