

Material Safety Data Sheet



Snowwhite 3

Section 1. Chemical Product and Company Identification

Common/Trade name : **Snowwhite 3**
Supplier : L.V. Lomas Limited/Limitée
99 Summerlea Road
Brampton, Ontario L8T 4V2 905-458-1555
Synonym : Not available.
Chemical name : Calcium Carbonate (Limestone)
Chemical family : Not available.
Material Uses : Mineral Filler and Pigment.
Manufacturer : OMYA (Canada) Inc.
18595 Highway #7 West, P.O. Box 245
Perth, Ontario, Canada
K7H 3E4 (613) 267-5367
Code : SPR001
CI# : Not applicable.
CAS # : 1317-85-3. Confirmed listed on the NDSL. Refer to Section 15 Regulatory Information "CEPA DSL"
Warehouse Class. : Class I Commodity.

EMERGENCY SPILL INFORMATION : PHILIP ENTERPRISE INC. 1-800-567-7455 (CANADA)
OTHER INFORMATION : 905.458.1555

Section 2. Composition, Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits
Limestone	1317-85-3	>99	OSHA (United States). TWA: 15 mg/m ³ ACGIH (United States). TWA: 5 mg/m ³ ACGIH TLV (United States). : 10 mg/m ³ Form: Total dust OSHA PEL (United States). : 15 mg/m ³ Form: Total dust : 5 mg/m ³ Form: Respirable dust OSHA PEL (United States). TWA: 30 mg/m ³ 8 hour(s). TWA: 0.1 mg/m ³ 8 hour(s). Form: Respirable fraction ACGIH TLV (United States). TWA: 0.1 mg/m ³ 8 hour(s). Form: Respirable fraction NIOSH REL (United States). TWA: 50 µg/m ³ 8 hour(s). DFG MAK (Germany). : 4 mg/m ³ Form: Fine dust. OSHA PEL (United States). : 0.3 mg/m ³ Form: Total dust OSHA PEL (United States). TWA: 30 mg/m ³ 8 hour(s). TWA: 0.1 mg/m ³ 8 hour(s). Form: Respirable fraction ACGIH TLV (United States). TWA: 0.1 mg/m ³ 8 hour(s). Form: Respirable fraction NIOSH REL (United States). TWA: 50 µg/m ³ 8 hour(s). DFG MAK (Germany). : 4 mg/m ³ Form: Fine dust. ACGIH TLV (United States). : 0.05 mg/m ³ Form: Respirable dust OSHA PEL (United States). : 0.1 mg/m ³ Form: Respirable dust
Silica, total quartz (naturally-occurring component of limestone)	14808-80-7		
Silica, respirable quartz (naturally-occurring component of limestone)	14808-80-7		

Section 3. Hazards Identification

Physical State and Appearance : Solid. (Powder)
Emergency Overview : **WARNING:**
CAUSES DAMAGE TO THE FOLLOWING ORGANS: EYES.
MAY CAUSE EYE IRRITATION.
MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: LUNGS, RESPIRATORY TRACT, SKIN.

Avoid contact with eyes. Wash thoroughly after handling.
Routes of Entry : Eye contact. Skin contact. Inhalation. Ingestion.
Potential Acute Health Effects

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- Eyes** : Irritation. Symptoms may include watering and irritation.
- Skin** : Repeated or prolonged exposure may have a drying effect on the skin, and may also cause irritation. Avoid skin contact.
- Inhalation** : Dust may irritate the respiratory tract. Symptoms may include sneezing and slight nose irritation.
- Ingestion** : Ingestion of very large quantities may result in intestinal obstruction and/or constipation. Do not ingest.
- Medical Conditions Aggravated by Overexposure** : Chronic exposure to limestone dust at concentrations exceeding occupational exposure limits may cause pneumoconiosis (lung disease). Chronic exposure to crystalline silica dust at concentrations exceeding occupational exposure limits may cause silicosis.
- Overexposure /Signs/Symptoms** : Repeated or prolonged exposure may have a drying effect on the skin, and may also cause irritation.

See Toxicological Information (section 11)

Section 4. First Aid Measures

- Eye Contact** : Immediately flush the contaminated eye(s) with lukewarm, gently flowing water, for 10 minutes holding the eyelid open. If irritation persists, obtain medical advice immediately.
- Skin Contact** : Wash with warm water and mild soap. If irritation occurs, obtain medical advice immediately.
- Inhalation** : Remove to fresh air. Obtain medical advice if required.
- Ingestion** : Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. Rinse mouth thoroughly with water. Do not induce vomiting. Drink 8 to 10 ounces (240 to 300 ml) of water to dilute material in stomach. Obtain medical advice immediately.
- Notes to Physician** : Not available.

Section 5. Fire Fighting Measures

- Flammability of the Product** : May be combustible at high temperature.
- Autoignition Temperature** : Not available.
- Flash Points** : Non-flammable.
- Flammable Limits** : Not available.
- Products of Combustion** : Not available.
- Fire Hazards in Presence of Various Substances** : Ignites on contact with fluorine.
- Explosion Hazards in Presence of Various Substances** : Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.
No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
- Fire Fighting Media and Instructions** : None.
- Protective Clothing (Fire)** : None known, however, firefighters should wear self-contained breathing apparatus to prevent inhalation of smoke or vapours.
- Special Remarks on Fire Hazards** : No additional remark.
- Special Remarks on Explosion Hazards** : No additional remark.

Section 6. Accidental Release Measures

- Small Spill and Leak** : Measures should be taken to minimize and protect against airborne dust during cleanup operations, including use of respiratory protective equipment if necessary.
- Large Spill and Leak** : No additional remark.

Section 7. Handling and Storage

- Handling** : Administrative and/or engineering control methods such as, but not limited to, process enclosure and exhaust ventilation may be necessary to control dust exposures. Supply sufficient replacement air to make up for air removed by exhaust systems. If engineering controls and work practices are not effective in controlling exposures, appropriate personal protective equipment including a NIOSH/OSHA approved dust respirator should be worn. When repeated or prolonged contact with hands is likely, appropriate gloves should be used. Appropriate eye protection should be worn.
- Storage** : Store in closed containers in a dry place separate from incompatible materials.

Section 8. Exposure Controls, Personal Protection

- Engineering Controls** : Process enclosure and exhaust ventilation may be necessary to control dust exposures. Supply sufficient replacement air to make up for air removed by exhaust systems.

Personal Protection

- Eyes** : Appropriate eye protection should be worn.
- Body** : Not available.
- Respiratory** : A NIOSH/OSHA approved dust respirator should be worn. Determine the appropriate type by consulting the respirator manufacturer.
- Hands** : Appropriate gloves should be used.
- Feet** : Not available.

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Protective Clothing
(Pictograms)



Personal Protection in Case of a Large Spill : Splash goggles. Full suit. Dust respirator. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Limestone

OSHA (United States).
TWA: 15 mg/m³
ACGIH (United States).
TWA: 5 mg/m³
ACGIH TLV (United States).
: 10 mg/m³ Form: Total dust
OSHA PEL (United States).
: 15 mg/m³ Form: Total dust
: 5 mg/m³ Form: Respirable dust

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	: Solid. (Powder)
Color	: White.
Odor	: No odour.
Taste	: Not available.
Molecular Weight	: Not available.
Molecular Formula	: Primarily CaCO ₃ .
pH (1% Soln/Water)	: Not available.
Boiling/Condensation Point	: Not available.
Melting/Freezing Point	: Not available.
Critical Temperature	: Not available.
Specific Gravity	: Density 2.7 g/ml (Water = 1)
Vapor Pressure	: Not available.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Evaporation Rate	: Not available.
VOC	: Not available.
Viscosity	: Not available.
LogK _{ow}	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: 1.3 mg/100g @ 18°C in water.

Section 10. Stability and Reactivity

Stability and Reactivity	: Stable.
Conditions of Instability	: Not available.
Incompatibility with Various Substances	: Reacts with acids to liberate carbon dioxide. Ignites on contact with fluorine. Also incompatible with alum and ammonium salts.
Remarks on Reactivity/Incompatibility	: No additional remark.
Hazardous Decomposition Products	: Thermal decomposition can produce calcium oxide and carbon dioxide.
Hazardous Polymerisation	: Will not occur.

Section 11. Toxicological Information

Special Remarks on Toxicity to Animals	: No additional remark.
Chronic Effects on Humans	: CARCINOGENIC EFFECTS: The NTP lists crystalline silica (respirable size) as a known human carcinogen. IARC concluded that there is sufficient evidence in humans for the carcinogenicity of inhaled (respirable) crystalline silica. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.
Other Toxic Effects on Humans	: Not available.

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Section 12. Ecological Information**Ecotoxicity Data**

Not available.

Products of Degradation : No specific information is available in our database regarding the degradation of products.**Special Remarks on the** : No additional remark.**Products of Biodegradation****Section 13. Disposal Considerations****Waste Information** : From a waste perspective, this product is not considered hazardous and may be disposed of as solid waste in accordance with applicable federal, state, provincial and local regulations.**EPA WASTE NO** : Not available.

Consult your local or regional authorities.

Section 14. Transport Information

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
DOT Classification			Not a DOT controlled material (United States).			
TDG Classification			Not regulated under TDG (Canada).			
ADR/RID Class						
IMDG Class						
IATA-DGR Class						

Section 15. Regulatory Information**HCS Classification** : Class: Target organ effects.

U.S. Federal Regulations : TSCA inventory: All components are listed on TSCA (U.S.)
 FDA: This product meets U.S. FDA requirements for use as an indirect food additive (food contact applications) under 21 CFR 174.5, 175.300, 178.3297, and 184.1409.
 SARA 302/304/311/312 extremely hazardous substances: No products were found.
 SARA 302/304 emergency planning and notification: No products were found.
 SARA 302/304/311/312 hazardous chemicals: No products were found.
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.
 SARA 313 toxic chemical notification and release reporting: No products were found.
 Clean water act (CWA) 307: No products were found.
 Clean water act (CWA) 311: No products were found.
 Clean air act (CAA) 112 accidental release prevention: No products were found.
 Clean air act (CAA) 112 regulated flammable substances: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: No products were found.

State Regulations : Not available.

CALIFORNIA PROPOSITION 65: Not available.

WHMIS (Canada) : WHMIS CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

CEPA NDSL: Confirmed listed on the NDSL. By virtue of its status as a "substance occurring in nature," ground limestone is considered to be on the Canadian Domestic Substances List. In addition, all other ingredients and/or processing aids are also on the DSL.

International Regulations

EINECS : Not available.

DSCL (E.E.C) : Not available.

International Lists : Not available.

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Section 16. Other Information

Hazardous Material
Information System
(U.S.A.)

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	


National Fire
Protection
Association (U.S.A.)



References : - Manufacturer's Material Safety Data Sheet.
: - Sax's Dangerous Properties of Industrial Materials, 9th edition, CDROM Version 1.0

Date of printing : 5/17/2004.
Date of issue : 1/21/2003.
Date of Previous Issue : No Previous Validation.
Version : 1

Validated by Regulatory Affairs Department.

 Indicates information that has changed from previously issued version.

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