





Material Safety Data Sheet

WHMIS (Pictograms)	WHMIS (Classification)	Protective Clothing
	Not controlled under WHMIS (Canada).	

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	Glomax LL	Code	112304 / 112328
Supplier	Debros Chemicals 11 Automatic Drive Brampton (Ontario) L6S 4K6 (905) 799-8200 2055 Hymus Blvd Dorval (Quebec) H9P 1J8 (514) 684-9775	CAS #	66402-68-4
Synonym	Anhydrous aluminum silicate	DSL	CEPA DSL: Kaolin, water
Chemical Name	Not applicable.	CI#	Not available.
Chemical Family	Not available.	Validation Date	23/08/2005
Chemical Formula	Not applicable.	Print Date	21/02/2007
Manufacturer		In Case of Emergency	CHEMTREC: 1-800-424-9300
Material Uses	Not available.		

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
1) Calcined Kaolin Clay - Al ₂ O ₃ .2SiO ₂	66402-68-4	99	Not available.	Not available.
2) Water	7732-18-5	<1	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	Slightly hazardous in case of eye contact (irritant), of inhalation (lung irritant). Non-irritant for skin. Non-hazardous in case of ingestion.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact	Wash with soap and water. Get medical attention if irritation develops.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Continued on Next Page

Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
------------------	--

Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	Use extinguishing media suitable for surrounding materials.
Special Remarks on Fire Hazards	Non combustible.
Special Remarks on Explosion Hazards	Not available. Not applicable. Not applicable.

Section 6. Accidental Release Measures

Small Spill and Leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill and Leak	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Dust respirator. Boots. 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.

Section 7. Handling and Storage

Precautions	Do not breathe dust.
Incompatibility	No incompatible product according to our data base.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	Lab coat.
<i>Respiratory</i>	Dust respirator. Be sure to use an approved/certified respirator or equivalent.
<i>Hands</i>	Gloves (impervious).
<i>Feet</i>	Not applicable.

Continued on Next Page

**Protective Clothing
(Pictograms)****Exposure Limits**

TWA: 10 (mg/m³) from OSHA (PEL) [United States] Total.
 TWA: 10 (mg/m³) from ACGIH (TLV) [United States] Respirable.
 TWA: 5 (mg/m³) from ACGIH [United States] Total.

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties**Physical State and
Appearance**

Solid. (Powdered solid.)

Odor

Odorless.

Molecular Weight

Not applicable.

Taste

Not available.

pH (1% Soln/Water)

Acidic.

Color

White.

Boiling/Condensation Point

Not available.

Melting/Freezing Point

Not available.

Critical Temperature

Not available.

Instability Temperature

Not available.

Specific Gravity

2.72 (Water = 1)

Vapor Pressure

Not applicable.

Vapor Density

Not available.

Volatility

Not available.

Evaporation Rate

Not available.

Odor Threshold

Not available.

Viscosity

Not available.

LogK_{ow}

Not available.

Ionicity (in Water)

Amphoteric.

Dispersion Properties

Is not dispersed in cold water, hot water.
 See solubility in methanol, acetone.

Solubility

Easily soluble in methanol, acetone.
 Insoluble in cold water, hot water.

The Product is:

Non-flammable.

Auto-ignition Temperature

Not applicable.

Flash Points

Not applicable.

Flammable Limits

Not applicable.

**Fire Hazards in Presence of
Various Substances**

Not applicable.

**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.

Continued on Next Page

Section 10. Stability and Reactivity

Stability	The product is stable.
Conditions of Instability	Not available.
Incompatibility with Various Substances	No incompatible product according to our data base.
Corrosivity	Not available.
Hazardous Decomposition Products	inert and nonreactive
Special Remarks on Reactivity	Not available.
Special Remarks on Corrosivity	Not available.

Section 11. Toxicological Information

Routes of Entry	Inhalation.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Acute Effects on Humans	<p><i>Eyes</i> Slightly hazardous in case of eye contact (irritant).</p> <p><i>Skin</i> Sensitization of the product: Not available. Non-irritant for skin.</p> <p><i>Inhalation</i> Slightly hazardous in case of inhalation (lung irritant).</p> <p><i>Ingestion</i> Non-hazardous in case of ingestion.</p>
Chronic Effects on Humans	<p>CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.</p>
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.
Special Remarks on Other Toxic Effects on Humans	Not available.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The products of degradation are non-toxic.
Special Remarks on the Products of Biodegradation	Not available.

Continued on Next Page

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

Section 14. Transport Information

TDG Classification	Not controlled under TDG (Canada).
--------------------	------------------------------------



PIN	Not applicable.
-----	-----------------

Maritime Transportation	Not available.
-------------------------	----------------

Special Provisions for Transport	Not applicable.
----------------------------------	-----------------

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)	Not controlled under WHMIS (Canada).
------------------------	--------------------------------------



Regulatory Lists	No products were found.
------------------	-------------------------

Other Regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
-------------------	--

Other Classifications	HCS (U.S.A.)	Class: Target organ effects.
-----------------------	--------------	------------------------------

USA Regulatory Lists	
----------------------	--

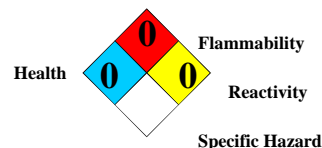
DSCL (EEC)	This product is not classified according to the EU regulations.
------------	---

International Regulations Lists	No products were found.
---------------------------------	-------------------------

Hazardous Material Information System (U.S.A.)	Health	*	0
--	--------	---	---

Health	*	0
Flammability		0
Reactivity		0
Personal Protection		E

National Fire Protection Association (U.S.A.)	Health	0
---	--------	---



DOT (U.S.A) (Pictograms)	
--------------------------	--



DSCL (Europe) (Pictograms)	
----------------------------	--



Continued on Next Page

ADR (Europe)
(Pictograms)



Section 16. Other Information

References -Manufacturer's Material Safety Data Sheet.

Other Special Considerations Not available.

Validated by Regulatory affairs on 23/08/2005.

Verified by Regulatory affairs.

Printed 21/02/2007.

Information Contact Debro Chemicals
11 Automatic Drive Brampton (Ontario)
L6S 4K6 (905) 799-8200

2055 Hymus Blvd Dorval (Quebec)
H9P 1J8 (514) 684-9775

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.