



# GLASSMAX

A Naturally Better Glass Cleaner

## Product Information

**GLASSMAX** represents a new era for concentrated glass and surface cleaners. It is a biodegradable product that is safe to use, cleans super fast and will dry streak-free.

**GLASSMAX** has EcoLogo<sup>M</sup> Certification (certified by ECP, an Environmental Canada Program) which guarantees that you are using one of the most environmentally responsible glass cleaners that is available. GlassMax is also CFIA approved for use in Food Plants.

**GLASSMAX** can be used on a variety of surfaces such as glass, mirrors, plastics, laminates, computer screens, marble and tile. The complex blend of pH neutral wetting agents and detergents makes GlassMax your No.1 choice for window cleaning.

**GLASSMAX** is extremely economical in use.

*For heavy-duty glass and mirror cleaning as well as surface cleaning as a spray and wipe: Use 4 oz. per US gallon of cold water (32 ml/litre) (1:32)*

*For polishing and shining hard surfaces: Use 2-4 oz per US gallon of cold water (16-32 ml/litre) (1:32-1:64).*

Spray sparingly onto surface and wipe with paper towel or clean, lint-free cloth. You do not have to wipe completely dry, as GlassMax will dry streak-free.

**GLASSMAX** does not contain any solvents, butyl cellosolve, nonyl phenol ethoxylates (NPEs) or volatile organic compounds (VOCs). This makes GlassMax a superior choice over many traditional ammonia scented glass cleaners.

**GLASSMAX** concentrated glass and surface cleaner is available in 4x1 gal (4x3.78L) cases.

Contact your local sales representative or visit [www.chemecology.com](http://www.chemecology.com) for more information.

M-chem Technologies Inc.  
1.800.663.9925  
[www.mchem.com](http://www.mchem.com)

Maxim Chemical International Ltd.  
1.800.667.9915  
[www.maximchemical.com](http://www.maximchemical.com)



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **GLASSMAX** WHMIS CODE: Not Regulated  
Product Use: *Concentrated glass & surface cleaner.* Proper Shipping Name: N/A  
Hazard Class: N/A  
UN Number: N/A

HMIS	
1	Health
0	Flammability
0	Reactivity
B	Personal

A=Gloves, B=Goggles & Gloves  
C=Goggles, Gloves and Apron

M-chem Technologies Inc  
1607 Derwent Way  
Delta, BC V3M 6K8, Canada  
Phone: (604) 526-5655

**EMERGENCY PHONE**  
Canada: Canutec 613-996-6666  
U.S.A.: Chemtrec 800-424-9300

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>RANGE %</u>	<u>PEL</u>	<u>TLV</u>
-------------------	----------------	----------------	------------	------------

NO HAZARDOUS MATERIALS.

## SECTION 3 – PHYSICAL DATA

<b>Color and Odor:</b> Dark blue, mild (no added frag.)	<b>Boiling Point:</b> N/D	<b>Vapor Pressure (mm HG):</b> N/D	<b>pH:</b> 7.0 – 7.5
<b>Physical State:</b> Liquid.	<b>Melting Point:</b> N/A	<b>Vapor Density:</b> N/D	<b>Specific Gravity:</b> 1.02 @ 20°C
<b>Coeff. Water/Oil Dist:</b> Greater than 1.0	<b>Evaporation Rate:</b> N/D	<b>Solubility in Water:</b> Soluble	<b>Odor Threshold:</b> No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point and Method:</b> None to 100°C (TCC)	<b>Sensitivity to Mechanical Impact:</b> None.	<b>Extinguishing Media:</b> Not flammable.
<b>Flammable Limits:</b> None known.	<b>Sensitivity to Static Discharge:</b> None.	<b>Auto ignition Temperature:</b> None known.
<b>Unusual Fire and Explosion Hazards:</b> None.		<b>Conditions of Flammability:</b> None.
<b>Hazardous Combustion Products:</b> Carbon and sulfur oxides.		
<b>Special Fire Fighting:</b> Wear NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situation. Use water spray to cool all nearby fire exposed surfaces.		

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.  
**Hazardous Polymerization:** Will not occur.  
**Incompatibility (material to avoid):** Strong oxidizing agents.  
**Hazardous Decomposition Products:** Liberates carbon and sulfur oxides liberated upon thermal decomposition.

## SECTION 6 – TOXICOLOGICAL DATA

<b>Exposure Limits:</b> See Section 2 under Hazardous Ingredient.	<b>Routes of Entry:</b> Skin and eye contact.
<b>Irritancy of Product:</b> May be irritating to eyes.	<b>Carcinogenicity:</b> None known.
<b>Sensitization:</b> None known.	<b>Mutagenicity:</b> None known.
<b>Name of Toxicological Synergistic Product:</b> None known.	<b>Reproductive Toxicity:</b> None known.
<b>Effects of Chronic Exposure:</b> None known.	<b>Teratogenicity:</b> None known.
<b>Effects of Acute Exposure to Product:</b> Product exposure may irritate eyes. Prolonged or repeated exposure to skin may cause dryness. Ingestion may cause gastro-intestinal or abdominal discomfort.	

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** Not required for normal use of product.  
**Ventilation:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.  
**Protective Gloves:** Not required for normal use of product. Use Butyl rubber or Neoprene gloves when handling directly.  
**Eye Protection:** Normally not required. However, chemical goggles or safety glasses when eye contact may occur.  
**Protective Clothing and Equipment:** Eyes wash recommended in the immediate work area.  
**Storage and Handling Procedures:** Use good Industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with other chemicals. Store at temperatures below 30°C and keep from freezing.  
**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers.  
**Waste Disposal Method:** Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.  
**Special Shipping Information:** Store at temperatures below 30°C. Keep from freezing.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

**First Aid:**  
If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: 604-526-5655 LAST UPDATE: 07/04/11  
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE