

# MATERIAL SAFETY DATA SHEET

## SECTION I

## PRODUCT INFORMATION

Product Name: **Crystal Clean Glass Cleaner**

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Supplied by: The Cleaning House  
973 Barton St. E.  
Hamilton, ON L2L 3C4

Phone: (905) 547-2636  
Fax: (905) 547-1984  
Contact: Shannon Morgan

**Product usage:** Cleaner for glass and most hard surfaces by spray & wipe method.  
**Product type:** Water based organic chemical blend  
**WHMIS Class:** Not regulated  
**Hazard Rating:** HEALTH: (0) Slight; FIRE (0) Moderate; REACTIVITY: (0) Insignificant  
**TDG Class:** Not Controlled

## SECTION II

## HAZARDOUS INGREDIENTS

INGREDIENT	%	CAS#	LD50, Route, Species	LC50, Route, Species
Dipropylene glycol mono-methyl ether	1-5	34590-94-8	5100 mg/kg, oral-rat. 9.5 g/kg drm-rabt	NA

## SECTION III

## PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b> Clear blue liquid	<b>Density (g/ml):</b> 0.96
<b>pH as is:</b> 9 - 10	<b>Freezing point:</b> -10 Deg. C.
<b>pH use dilution:</b> 9 - 10	<b>Boiling Point:</b> 85 Deg. C.
<b>Solubility in water:</b> Soluble in all proportions	<b>Evaporation Rate:</b> Slightly faster than water.
<b>Odour:</b> Mild lemon	<b>Viscosity:</b> As water.

## SECTION IV

## FIRE AND EXPLOSION HAZARDS

**Flash point:** 45 Deg. C.  
**Flammability:** Unknown  
**Combustion products:** Oxides of carbon.  
**To Extinguish:** Water fog, carbon dioxide, dry chemical  
**Other:** None

## SECTION V

## HEALTH HAZARD DATA

### Effects of Acute Exposure to:

**Skin:** May cause skin irritation, defatting, chapping, dermatitis to sensitive skin.  
**Eyes:** May be irritating.  
**Ingestion:** Accidental ingestion may cause burning pain in mouth, esophagus and stomach.  
**Inhalation:** If misted, may cause irritation of mucous membranes, coughing and difficulty in breathing.

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## SECTION V

### HEALTH HAZARD DATA

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#### First Aid Procedures...

- Skin:** Remove contaminated clothing. Wash exposed areas with running water. Call a physician if necessary.
- Eyes:** Flush with water running water for 5 minutes lifting the upper and lower eyelids occasionally. Remove contact lenses. Get medical attention is irritation persists.
- Ingestion:** Do not induce vomiting. If victim is alert and not convulsing, give 1-2 glasses of water to dilute material. Immediately contact local poison control centre. Vomiting should be induced under the direction of a physician or a poison control centre. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Immediately transport victim to an emergency facility.
- Inhalation:** Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no is no breathing and no pulse. Obtain medical attention immediately.

## SECTION VI

### REACTIVITY DATA

Product is stable. Do not mix with strong acids, alkalis; oxidizing and reducing agents. Do not mix with chorine bleach. Hazardous polymerization will not occur.

## SECTION VII

### CLEANUP OF SPILLS OR LEAKS

- Disposal method:** Sanitary sewer or dry absorbent material. For large quantities, check with local environmental department, and government authorities.

## SECTION VIII

### SPECIAL PROTECTION

- Ventilation:** Normal building ventilation is adequate.
- Breathing Protection:** Suitable breathing mask if mists are present. Avoid fine misting.
- Skin Protection:** Usually not necessary.
- Eye Protection:** Safety glasses with side shields when there is potential for eye contact

## SECTION IX

### SPECIAL PRECAUTIONS

As with all chemicals there are known and unknown effects on humans. Minimize exposure of all chemicals, including this product, to skin, respiratory system, and eyes. Keep out of reach of children. Avoid contamination of food. Wash thoroughly after handling. Store in cool dry area. Do not freeze.

## SECTION X

### PREPARATION INFORMATION

**Date:** 09-Jan-15  
**Telephone:** (905) 547-2636

**MSDS Prepared by:** Technical Dept.

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