



# Glass Cleaner

## Twist 'n Fill™ No. 1



Canada

### Technical Data

May 2008

#### Description:

3M™ Glass Cleaner is a concentrated product to be diluted and dispensed using the 3M™ Twist 'n Fill™ Cleaning Chemical Management System.

3M™ Glass Cleaner is a fast-drying, non-streaking glass cleaner formulated to effectively clean soil, water spots, oil, lipstick, and hairspray from non-porous surfaces.

This product meets Green Seal's GS-37 environmental standard for industrial and institutional cleaners based on its reduced human and aquatic toxicity and reduced smog production potential.

#### Special Features:

- Automatic dispensing eliminates measuring and mixing and ensures accurate dilutions
- Green Seal GS-37 Environmental Certification
- Pleasant fragrance
- Hard water tolerant
- Non-ammoniated formula
- Passes AMS 1550B cleaner tests for cleaning the interior of aircraft

#### Applications:

- Windows and mirrors
- Fixtures (stainless steel or chrome)
- Display cases (glass or plexiglas)
- Table tops
- Ceramic tile
- Marble

#### Packaging:

##### Concentrate:

1 – 2 litre bottle per box

Each 2-litre bottle yields 114 ready-to-use litres

##### General Use Directions:

Refer to ready-to-use MSDS for personal protective equipment (PPE) recommendations.

Dispense Glass Cleaner with cold water using the 3M™ Twist 'n Fill™ Cleaning Chemical Dispenser into a properly labeled trigger-spray bottle.

1. Spray Glass Cleaner into a clean cloth or onto the surface.
2. Wipe the surface with a clean cloth or paper towel until clean and dry.
3. When using a squeegee, apply cleaner, scrub to loosen soil, then squeegee.

##### Product Specifications:

(Typical Values)

##### Concentrate:

1. pH: 9.5 – 10.5
2. Flash Point: 47.78 °C Does not sustain combustion ASTM D-4206
3. Solubility in Water: Complete
4. Specific Gravity: ~ 0.9 Water=1
5. Viscosity: < 50 cps
6. Appearance: Clear, dark blue liquid
7. Fragrance: Apple odour

#### Ready-to-Use:

1. pH: 9.5-10
2. Flash Point: N/A
3. Solubility in Water: Complete
4. Specific Gravity: ~ 1 Water=1
5. Viscosity: < 50 cps
6. Appearance: Clear, light aqua blue liquid
7. Fragrance: Apple odour

#### Precautionary Summary:

##### Concentrate:

**Eye Contact:** Moderate eye irritant

**Skin Contact:** Moderate skin irritant  
May be harmful if absorbed through skin.

**Inhalation:** Respiratory Tract Irritation. May be absorbed following inhalation and cause target organ effects.

##### Ready-to-Use:

**Eye Contact:** Mild eye irritant

**Skin Contact:** Mild skin irritant after prolonged or repeated contact.

**Inhalation:** Irritating to nose and throat.

##### Note:

Refer to product Material Safety Data Sheet (MSDS: Concentrate 18-5086-6, Ready-to-use 08-2583-6) for specific health hazard, first aid and precautionary information

#### Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.



#### Building & Commercial Services Division

P.O. Box 5757, 1840 Oxford Street East, London, Ontario, N6A 4T1  
Phone: 1.800.364.3577 [www.3M.com/commcare](http://www.3M.com/commcare)

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