

**Signet Glass & Multi-Surface Cleaner**

Version Number: 1

Preparation date: 2011-05-13

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Signet Glass & Multi-Surface Cleaner
MSDS #:	MS0600690
Product Code:	5517666
Recommended use:	Cleaning product. This product is intended to be diluted prior to use.
Manufacturer, importer, supplier:	
US Headquarters Diversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-1964 Phone: 1-888-352-2249	Canadian Headquarters Diversey, Inc. - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131
Emergency telephone number:	1-800-983-4582

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

CAUTION

MAY BE MILDLY IRRITATING TO EYES
MAY BE MILDLY IRRITATING TO SKIN

Principal routes of exposure:	Skin contact Eye contact Inhalation
Eye contact:	May be mildly irritating to eyes
Skin contact:	May be mildly irritating to skin
Inhalation:	None known
Ingestion:	None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %
Sodium lauryl sulfate	151-21-3	1 - 5 %
Ethyl alcohol	64-17-5	0.1 - 1.5%

Ingredient(s)	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Sodium lauryl sulfate	1288	580 mg/kg	>>3900 mg/m ³ (1 h)
Ethyl alcohol	7060	Not available	124.7 mg/L (4 h)

4. FIRST AID MEASURES

Eye contact:	Flush immediately with plenty of water If irritation develops, get medical attention
Skin contact:	Flush immediately with plenty of water If irritation develops, get medical attention
Inhalation:	No specific first aid measures are required
Ingestion:	No specific first aid measures are required
Aggravated Medical Conditions:	None known

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	The product is not flammable Extinguish fire using agent suitable for surrounding fire
Specific hazards:	None known
Unusual hazards:	None known

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Specific methods:	No special methods required
Special protective equipment for firefighters:	
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear	
Extinguishing media which must not be used for safety reasons:	
No information available	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Not relevant for the product itself
Environmental precautions and clean-up methods:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container Clean-up methods - large spillage Use appropriate containment to avoid environmental contamination Keep in suitable and closed containers for disposal

7. HANDLING AND STORAGE

Handling:	Avoid contact with skin and eyes FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage:	Protect from freezing Keep tightly closed in a dry, cool and well-ventilated place KEEP OUT OF REACH OF CHILDREN

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Engineering measures to reduce exposure:**

No special ventilation requirements
General room ventilation is adequate

Personal Protective Equipment

Eye protection:	No special requirements under normal use conditions
Hand protection:	No special requirements under normal use conditions
Skin and body protection:	No special requirements under normal use conditions
Respiratory protection:	No special requirements under normal use conditions
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice

Personal protective equipment None / Aucune / Ninguno

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Ethyl alcohol	64-17-5	1000 ppm (STEL)	1000 ppm (TWA) 1900 mg/m ³ (TWA)	1000 ppm (TWA) 1900 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Aqueous solution
Bulk density:	No information available	Specific gravity:	1.00
Elemental Phosphorus:	0.0 % by wt.	Vapor density:	No information available
Evaporation Rate	No information available	Solubility:	Completely Soluble
VOC:	0.32 % *	Viscosity:	No information available
Density:	8.34 lbs/gal 1 Kg/L	pH:	7.0
Dilution pH: 7.0 @ 1:40			
Partition coefficient (n-octanol/water):			No information available
Solubility in other solvents:			No information available
Color:			Clear Blue
Odor:			No Odor/Odorless
Boiling point/range:			Not determined
Melting point/range:			Not determined
Flash point:			> 200 °F > 93.4 °C
Decomposition temperature:			Not determined
Autoignition temperature:			No information available

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* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY	
Stability:	The product is stable
Polymerization:	Hazardous polymerization does not occur
Hazardous decomposition products:	None reasonably foreseeable.
Materials to avoid:	None known
Conditions to avoid:	Do not freeze

11. TOXICOLOGICAL INFORMATION	
Acute toxicity:	Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.
Component Information:	See Section 3
Chronic toxicity:	None known
Specific effects	
Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

12. ECOLOGICAL INFORMATION	
Environmental Information:	No data available

13. DISPOSAL CONSIDERATIONS	
Waste from residues / unused products:	Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.

14. TRANSPORT INFORMATION	
DOT/TDG:	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
DOT Bill of Lading Description:	Cleaning, washing, buffing, or polishing compounds Liquid

15. REGULATORY INFORMATION**International Inventories at CAS# Level**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

SARA 311/312 Hazard Categories

Immediate: -

Delayed: -

Fire: -

Reactivity: -

Sudden Release of Pressure: -

Canada**WHMIS hazard class:**

Non-controlled

Right To Know (RTK)

Ingredient(s)	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:
Sodium lauryl sulfate	151-21-3	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	X
Alcohol ethoxylates	68439-46-3	-	-	-	-
Water	7732-18-5	-	-	-	-
Sodium lauryl ether sulfate	9004-82-4	-	-	-	-

CERCLA/ SARA

CAA HAP/CAA ODS/CWA Priority Pollutants: None

16. OTHER INFORMATION

HMIS	Health	1	Fire Hazard	0	Reactivity	0
NFPA	Health	1	Flammability	0	Instability	0
Reason for revision:			Not applicable			
Prepared by:			NAPRAC			
Additional advice:			Does not contain an added fragrance			
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Glass & Multi-Surface Cleaner

GL1

Streak-free, non-ammoniated glass cleaner that meets Green Seal™ GS-37 standards.

Product Specifications

Description

Certifications

Kosher

Acceptable for use in
registered food
establishments in Canada

Color/Form

Clear blue liquid

Flash Point

> 200° F (> 93.4° C)

pH

7.0 (Concentrate)
7.0 (Use Dilution 1:40)

Phosphates

0%

Scent

No fragrance added

Shelf Life

2 years

Solubility

Complete

Specific Gravity

1.00



Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDS are available on-line at www.Cintas.com or by calling 877-448-5770. Improper use or dilution may result in damage to surfaces and may result in health and physical hazards that match those of the concentrate.

** Please dispose of any unused product in accordance with federal, state and local regulations.*

Hazard Rating

HMIS	Concentrate	NFPA	HMIS	Use Dilution 1:40	NFPA
1	Health	1	0	Health	0
0	Flammability	0	0	Flammability	0
0	Reactivity	0	0	Reactivity	0

4=Very High 3=High 2=Moderate 1=Slight 0=Insignificant

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For additional information, please contact us at +1 877 448 5770 or at www.cintas.com

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CINTAS **Diversey**

Limpiador de vidrios y otras superficies

GL1

Limpiador de vidrios que no deja estelas, sin amoníaco, y que satisface las normas Green Seal™ GS-37

- Sin compuestos de amoníaco
- No deja estelas ni manchas en vidrios ni espejos
- Se quita totalmente con un trapo y se seca rápidamente
- Certificación Green Seal™
- Toxicidad reducida para los seres humanos y organismos acuáticos

Uso

El limpiador Signet™ para vidrios y otras superficies pertenece a la categoría de limpiadores preferidos por su bajo impacto medioambiental. Cuando se utilizan procedimientos de rocío y limpieza con trapo, quita el sucio y se seca rápidamente, y deja la superficie sin manchas ni estelas. Este producto se puede utilizar en la limpieza de una diversidad de superficies lavables con agua, que incluyen las de vidrio, cromo, acero inoxidable y porcelana, y también las superficies de trabajo y mostradores. Deseche toda cantidad de producto no utilizado en conformidad con las normas federales, estatales y locales. Recomendamos el reciclaje de los envases. Sin fragancias añadidas.

Instrucciones de uso

- El producto se dispensa en una solución 1:40 en envases rociadores.

Aplicación

- Rocíe sobre las superficies que se van a limpiar.
- Quite la solución y el sucio con un trapo o una toalla de papel suave; deje secar al aire.

Uso en plantas de alimentos: después de haber aplicado el producto a superficies de contacto con alimentos, la solución limpiadora se debe enjuagar a fondo con agua potable. Evite la contaminación de los alimentos durante el uso y el almacenamiento del producto.



Glass & Multi-Surface Cleaner

GL1

Streak-free, non-ammoniated glass cleaner that meets Green Seal™ GS-37 standards.

- Non-ammoniated
- Green Seal™ Certified
- Will not streak or smear glass or mirror surfaces
- Reduced human and aquatic toxicity
- Wipes clean and dries fast

Usage

Signet™ Glass & Multi-Surface Cleaner is an environmentally-preferred glass and multi-surface cleaner. This product wipes away soils and dries quickly, leaving surfaces free of spots and streaks. This product can be used to clean a variety of water washable surfaces including glass, countertops, chrome, stainless steel and porcelain. Please dispose of any unused product in accordance with federal, state and local regulations. Please recycle container. No fragrance added.

Directions for Use

- Product will be dispensed at 1:40 into trigger spray bottle.

To Apply

- Spray on surfaces to be cleaned.
- Wipe with soft cloth or towel to remove soil and dry.

For Food Plant Use: All food contact surfaces must be thoroughly rinsed with potable water after treatment with this product. Avoid contamination of food during use or storage.

