


ADVANCE GLASS CLEANER

National Fire Protection Association (NFPA)	Health	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Reactivity	0		Fire Hazard	2
	Specific Hazard	0		Reactivity	0
Protective Clothing 	Emergency Blue. Liquid.			Overview WARNING: COMBUSTIBLE. May cause eye and skin irritation.	

Section 1. Chemical Product and Company Identification					
Product Name	ADVANCE GLASS CLEANER			Code	3318410
Product Use	Industrial/Institutional			PMS#	Not available.
MSDS#	F-00502001			Validation Date	3/23/2004
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversevy.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131	Print Date		3/23/2004	
		Supersedes		3/23/2004.	
		In Case of Emergency		(800) 851-7145	

Section 2. Composition and Information on Ingredients					
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50	
Dipropylene Glycol Methyl Ether	34590-94-8	1-5	OSHA (United States). Skin TWA: 600 mg/m ³ 8 hour(s). STEL: 900 mg/m ³ ACGIH (United States). Skin TWA: 606 mg/m ³ STEL: 909 mg/m ³	ORAL (LD50): Acute: 7500 mg/kg [Dog]. DERMAL (LD50): Acute: 9480 mg/kg [Rabbit].	
Isopropyl Alcohol	67-63-0	1-5	OSHA (United States). TWA: 980 mg/m ³ STEL: 1225 mg/m ³ ACGIH (United States). TWA: 983 mg/m ³ STEL: 1230 mg/m ³ : Refers to Appendix A -- Carcinogens. ACGIH 2003 Adoption STEL: 400 ppm 15 minute(s). TWA: 200 ppm 8 hour(s)	ORAL (LD50): Acute: 5045 mg/kg [Rat]. 6410 mg/kg [Rabbit]. 3600 mg/kg [Mouse]. DERMAL (LD50): Acute: 12800 mg/kg [Rabbit]. VAPOR (LC50): Acute: 16000 ppm 8 hour(s) [Rat].	
Water	7732-18-5	60-100	Not available.	Not available.	

Section 3. Hazards Identification

Routes of Entry	Skin Contact. Eye contact. Inhalation.
Potential Acute Health Effects	
<i>Eyes</i>	May be moderately irritating to eyes.
<i>Skin</i>	May be moderately irritating to skin.
<i>Inhalation</i>	May be irritating to nose, throat, and respiratory tract.
<i>Ingestion</i>	May cause abdominal discomfort, nausea, vomiting and diarrhea. May be irritating to mouth, throat and stomach.
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

Section 4. First Aid Measures

Eye Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product	COMBUSTIBLE.
Flash Points	Open cup: 48.3°C (118.9°F) Closed cup: 48.3°C (118.9°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire exposed containers cool. dry chemical, carbon dioxide.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	Material may burn in heat of fire.

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Use only in well-ventilated areas. FOR COMMERCIAL AND INSTITUTIONAL USE ONLY
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep away from heat, sparks and flame. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls No special ventilation requirements. General room ventilation is adequate.

Personal Protection

Eyes Safety glasses recommended.

Hands For prolonged or repeated contact with skin: Chemical resistant gloves.

Respiratory No special requirements under normal use conditions.

Feet No special requirements under normal use conditions.

Body If major exposure is possible, wear suitable protective clothing.

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid.

Color Blue.

pH 9.5 (Conc. (% w/w): 100) [Basic.]

Specific Gravity 0.992

Boiling/Condensation Point 100°C (212°F)

VOC 483.6 g/l

Solubility in water Not available.

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Conditions of Instability None known.

Incompatibility with Various Substances Reactive with oxidizing agents, acids.

Hazardous Decomposition Products None known.

Hazardous Polymerization Will not occur.

Section 11. Toxicological Information

Acute toxicity Estimated to be greater than 5000 mg/kg (rat).

Effects of Chronic Exposure None known.

Other Toxic Effects None known.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information Undiluted product is regulated under environmental and transportation laws as an ignitable waste. Dispose of according to all federal, state and local applicable regulations

Section 14. Transport Information

DOT Classification

DOT Proper Shipping Name Please refer to the Bill of Lading/receiving documents for up to date shipping information.

TDG Classification

TDG Proper Shipping Name Please refer to the Bill of Lading/receiving documents for up to date shipping information.

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal SARA 302/304/311/312 hazardous chemicals: Dipropylene Glycol Methyl Ether, Isopropyl Alcohol
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Dipropylene Glycol Methyl Ether, Isopropyl Alcohol
 SARA 313 toxic chemical notification and release reporting: Isopropyl Alcohol
 CERCLA: Hazardous substances.: Isopropyl Alcohol

State New Jersey spill list: Isopropyl Alcohol
 New Jersey: Dipropylene Glycol Methyl Ether, Isopropyl Alcohol
 Massachusetts spill list: Isopropyl Alcohol
 Massachusetts RTK: Dipropylene Glycol Methyl Ether, Isopropyl Alcohol
 Pennsylvania RTK: Dipropylene Glycol Methyl Ether, Isopropyl Alcohol

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

Registered Product Information Not applicable.

Canadian Regulations

WHMIS Classification Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
 Class D-2B: Material causing other toxic effects (TOXIC).

WHMIS Icon



Registered Product Information Not applicable.

Chemical Inventory Status All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16. Other Information

Other Special Considerations Not available.

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