


# PLAZA PLUS

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	1	
	Health			Reactivity	Fire Hazard	0
					Reactivity	0
					Specific Hazard	
	Protective Clothing	None required.		Emergency Overview	Milky-white. Emulsion. See Section 9. CAUTION: May be mildly irritating to eyes. May be mildly irritating to skin.	

## Section 1. Chemical Product and Company Identification

Product Name		PLAZA PLUS	Code	4168 & 4171 & 4174
Product Use		Industrial/Institutional: Floor care.	PMS#	437634
MSDS#		114170012	Validation Date	12/12/2001
U.S. Headquarters		Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Print Date	12/12/2001
Canadian Headquarters		Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	Supersedes	No Previous Validation
			In Case of Emergency	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Tributoxyethyl Phosphate	78-51-3	1-5	Not available.	ORAL (LD50): Acute: 3000 mg/kg [Rat]. DERMAL (LD50): Acute: 16000 mg/kg [Rabbit].
Zinc Ammonium Carbonate	40861-29-8	1-5	Not available.	Not available.
Dipropylene Glycol Methyl Ether	34590-94-8	1-5	OSHA (United States). Skin TWA: 600 mg/m <sup>3</sup> STEL: 900 mg/m <sup>3</sup> ACGIH (United States). Skin TWA: 606 mg/m <sup>3</sup> STEL: 909 mg/m <sup>3</sup>	ORAL (LD50): Acute: 5119 mg/kg [Rat]. DERMAL (LD50): Acute: 9480 mg/kg [Rabbit].
Diethylene Glycol Ethyl Ether	111-90-0	1-5	Not available.	ORAL (LD50): Acute: 5540 to 9740 mg/kg [Rat].
Ethylene Glycol Phenyl Ether	122-99-6	1-5	Not available.	ORAL (LD50): Acute: 1260 mg/kg [Rat].
Acrylic Polymers		15-40	Not available.	Not available.
Water	7732-18-5	60-100	Not available.	Not available.

## Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
Eyes	May be mildly irritating to eyes.
Skin	May be mildly irritating to skin.
Inhalation	None known.
Ingestion	None known.
Medical Conditions	None known.
Aggravated by Overexposure:	
See Toxicological Information (section 11)	

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Flush immediately with plenty of water. Get medical attention if irritation occurs.
<b>Skin Contact</b>	Flush immediately with plenty of water. Get medical attention if irritation occurs.
<b>Inhalation</b>	No specific first aid measures are required.
<b>Ingestion</b>	No specific first aid measures are required.

**Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	None.
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
<b>Special Remarks on Fire and Explosion Hazards</b>	None known.

**Section 6. Accidental Release Measures**

<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Environmental Precautions and Clean-up Methods</b>	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

**Section 7. Handling and Storage**

<b>Handling</b>	Avoid contact with skin and eyes. FOR INDUSTRIAL USE ONLY
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

**Section 8. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	No special ventilation requirements. General room ventilation is adequate.
<b>Personal Protection</b>	
<i>Eyes</i>	No special requirements under normal use conditions.
<i>Hands</i>	No special requirements under normal use conditions.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	No special protective clothing is required.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Liquid. (Emulsion.)
<b>Odor</b>	Mild. Ammoniacal.
<b>Color</b>	Milky-white.
<b>pH</b>	8 to 8.6 [Basic.]
<b>Specific Gravity</b>	1.03
<b>Solubility in water</b>	Dispersible.

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Conditions of Instability</b>	None known.
<b>Incompatibility with Various Substances</b>	Reactive with oxidizing agents.
<b>Hazardous Decomposition Products</b>	When exposed to fire: Produces normal products of combustion.
<b>Hazardous Polymerization</b>	Will not occur.

**Section 11. Toxicological Information**

<b>Acute toxicity</b>	ORAL (LD50) Greater than 5000 mg/kg (rat).
<b>Effects of Chronic Exposure</b>	None known.
<b>Other Toxic Effects</b>	None known.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	No special precautions. Dispose of according to all federal, state and local regulations.
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**Section 14. Transport Information**
**DOT Classification**

<b>DOT Proper Shipping Name</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
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**TDG Classification**

<b>TDG Proper Shipping Name</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
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**Section 15. Regulatory Information**
**Reporting in this section is based on ingredients disclosed in Section 2**
**US Regulations**

**Federal** SARA 313 toxic chemical notification and release reporting: Diethylene Glycol Ethyl Ether, Tributoxyethyl Phosphate, Zinc Ammonium Carbonate, Clean Water Act (CWA) 307: Zinc Ammonium Carbonate  
 CERCLA: Hazardous substances.: Diethylene Glycol Ethyl Ether, Tributoxyethyl Phosphate, Zinc Ammonium Carbonate

**State** New Jersey spill list: Diethylene Glycol Ethyl Ether, Tributoxyethyl Phosphate, Zinc Ammonium Carbonate  
 New Jersey: Diethylene Glycol Ethyl Ether, Tributoxyethyl Phosphate, Dipropylene Glycol Methyl Ether, Zinc Ammonium Carbonate  
 Massachusetts spill list: Zinc Ammonium Carbonate  
 Massachusetts RTK: Dipropylene Glycol Methyl Ether, Zinc Ammonium Carbonate  
 Pennsylvania RTK: Diethylene Glycol Ethyl Ether, Tributoxyethyl Phosphate, Dipropylene Glycol Methyl Ether, Zinc Ammonium Carbonate

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

**Registered Product Information** Not applicable.

**Canadian Regulations**

**Canadian NPRI** Canadian NPRI: Zinc Ammonium Carbonate

**WHMIS Classification** Not controlled under WHMIS (Canada).

**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** MSDS Serial Range: 012-013.

**Version** 1.02

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