

12FP0010

**FORTIFY**

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	1
	Health		Reactivity	0
	Specific Hazard		Reactivity	0
Protective Clothing	None required.	Emergency Overview	Opaque Off-white. Liquid. 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	<b>FORTIFY</b>	Code	4663
Product Use	Industrial/Institutional: Floor care.	PMS#	433452
MSDS#	114660011	Validation Date	04/19/2000
U.S. Headquarters	Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Canadian Headquarters	Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971
		Print Date	04/19/2000
		Supersedes	04/12/2000.
		In Case of Emergency	(800) 851-7145

**Section 2. Composition and Information on Ingredients**

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Diethylene Glycol Ethyl Ether	111-90-0	1-5	Not available.	ORAL (LD50): Acute: 5540 to 9740 mg/kg [Rat].
Ethylene Glycol 2-Ethylhexyl Ether	1559-35-9	1-5	Not available.	ORAL (LD50): Acute: 3080 mg/kg [Rat].
Acrylic Polymers		10-30	Not available.	Not available.
Water	7732-18-5	60-100	Not available.	Not applicable.

**Section 3. Hazards Identification**

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

**Section 4. First Aid Measures**

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

**Section 5. Fire Fighting Measures**

Flammability of the Product	None known.
Flash Points	Not available.
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Special Remarks on Fire and Explosion Hazards	None known.

**Section 6. Accidental Release Measures**

Personal Precautions	Put on appropriate personal protective equipment (see Section 8.).
Environmental Precautions and Clean-up Methods	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**

Handling	Avoid contact with skin and eyes. FOR INDUSTRIAL USE ONLY
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. 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	
<i>Eyes</i>	No special protective clothing is required.
<i>Hands</i>	No special protective clothing is required.
<i>Respiratory</i>	No special protective clothing is required.
<i>Feet</i>	No special protective clothing is required.
<i>Body</i>	No special protective clothing is required.

**Section 9. Physical and Chemical Properties**

Physical State and Appearance	Liquid. (Opaque)
Odor	Mild. Ammoniacal.
Color	Off-white.
pH	9.7to 10.1 [Basic.]
Specific Gravity	1.02
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°F)
Vapor Pressure	20-25 mm of Hg
Evaporation Rate	0.3-0.5
VOC	1.7 ±
Solubility in water	Complete.

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).  
DERMAL (LD50) Estimated to be greater than 2000 mg/kg (rabbit).

Effects of Chronic Exposure None known.

Other Toxic Effects Not available.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

Waste Information No special precautions. Dispose of according to all federal, state and local regulations.

**Section 14. Transport Information**

DOT Classification  
Not regulated

TDG Classification  
Not regulated

**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, Ethylene Glycol 2-Ethylhexyl Ether  
CERCLA: Hazardous substances.: Diethylene Glycol Ethyl Ether, Ethylene Glycol 2-Ethylhexyl Ether

State New Jersey spill list: Diethylene Glycol Ethyl Ether, Ethylene Glycol 2-Ethylhexyl Ether  
New Jersey: Diethylene Glycol Ethyl Ether, Ethylene Glycol 2-Ethylhexyl Ether  
Pennsylvania RTK: Diethylene Glycol Ethyl Ether, Ethylene Glycol 2-Ethylhexyl Ether

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

Registered Product Information Not applicable.

Canadian Regulations

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 Not available.

Version 1

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