

FF406

National Fire Protection Association (NFPA)	Fire Hazard Health10Reactivity Specific Hazard	Hazardous Material Information System (HMIS)	<table><tr><td>Health</td><td>1</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	1	Fire Hazard	0	Reactivity	0
Health	1								
Fire Hazard	0								
Reactivity	0								
Protective Clothing None required.	Emergency Overview	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 FF406	Code 38166
Product Use Industrial/Institutional: Floor care.	PMS# 3128376
MSDS# 126318001	Validation Date 5/20/2003
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 5/20/2003
	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]. Not available. ORAL (LD50): Acute: 5119 mg/kg [Rat]. DERMAL (LD50): Acute: 9480 mg/kg [Rabbit].
Zinc Ammonium Carbonate	40861-29-8	1-5	Not available.	
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	
Diethylene Glycol Ethyl Ether	111-90-0	1-5	Not available.	ORAL (LD50): Acute: 5540 to 9740 mg/kg [Rat]. ORAL (LD50): Acute: 1260 mg/kg [Rat].
Ethylene Glycol Phenyl Ether	122-99-6	1-5	Not available.	
Acrylic Polymers		15-40	Not available.	Not available.
Water	7732-18-5	60-100	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

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 applicable.
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 COMMERCIAL AND 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	
Eyes	No special requirements under normal use conditions.
Hands	No special requirements under normal use conditions.
Respiratory	No special requirements under normal use conditions.
Feet	No special requirements under normal use conditions.
Body	No special protective clothing is required.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid. (Opaque)
Odor	Mild.
Color	Off-white.
pH	8.5 to 9.5 [Basic.]
Specific Gravity	1.03
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°F)
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	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).
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.
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Section 14. Transport Information

DOT Classification	Not regulated
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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: Tributoxyethyl Phosphate, Diethylene Glycol Ethyl Ether, Ethylene Glycol Phenyl Ether, Zinc Ammonium Carbonate
Clean Water Act (CWA) 307: Zinc Ammonium Carbonate
CERCLA: Hazardous substances.: Tributoxyethyl Phosphate, Diethylene Glycol Ethyl Ether, Zinc Ammonium Carbonate

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

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

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
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Section 16. Other Information

Other Special Considerations	MSDS Serial Range: 2-3
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Version	1.02
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