

JP OPTIMUM ULTRA-TRAXION

<div>National Fire Protection Association (NFPA)</div>	<div><div><div>Fire Hazard</div><div>Health</div><div>Reactivity</div><div>Specific Hazard</div></div><div><div>0</div><div>1</div><div>0</div></div></div>	<div>Hazardous Material Information System (HMIS)</div>	<div><div>Health</div><div>1</div></div> <div><div>Fire Hazard</div><div>0</div></div> <div><div>Reactivity</div><div>0</div></div>
<div>Protective Clothing</div>	<div>None required.</div>	<div>Emergency Overview</div>	<div>Yellow. Green. Liquid. See Section 9. CAUTION: MAY CAUSE EYE IRRITATION.</div>

Section 1. Chemical Product and Company Identification

Product Name JP OPTIMUM ULTRA-TRAXION		Code	4507
Product Use Industrial/Institutional: Floor care.		PMS#	441118
MSDS# 114195001		Validation Date	11/7/2001
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	11/7/2001
		Supersedes	No Previous Validation.
		<u>In Case of Emergency</u>	(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Ammonium Bifluoride	1341-49-7	1-5	TWA: 2.5 (mg/m ³) from RGPT/ARAB [Belgium] TWA: 2.5 (mg/m ³) from BAuA [Germany] Total. TWA: 3.5 (mg/m ³) from Arbeidsinspectie [Netherlands] TWA: 2.5 (mg/m ³) from Health and Safety Executive [United Kingdom (UK)]	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	None known.
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	Rinse with plenty of running water.
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	None.
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 eyes. Wash thoroughly after handling. 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	
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.
Odor	Bland.
Color	Yellow. Green.
pH	4.4 [Acidic.]
Specific Gravity	1.02
Boiling/Condensation Point	>100°C (212°F)
Melting/Freezing Point	<0°C (32°F)
Viscosity	4 cP (Dynamic).
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	Reactive with acids, alkalis.
Hazardous Decomposition Products	Toxic decomposition products include: Ammoniacal vapors. Hydrogen fluoride
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 None known.

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

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 Clean Water Act (CWA) 311: Ammonium Bifluoride
 CERCLA: Hazardous substances.: Ammonium Bifluoride

State New Jersey spill list: Ammonium Bifluoride
 New Jersey: Ammonium Bifluoride
 Massachusetts spill list: Ammonium Bifluoride
 Massachusetts RTK: Ammonium Bifluoride
 Pennsylvania RTK: Ammonium Bifluoride
 This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information Not applicable.

Canadian Regulations

WHMIS Classification 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.

Version 1

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