

# **VEXAL PLUS (HEAVY DUTY)**

National Fire Protection Association (NFPA) Fire Hazard

Health Reactivity

Hazardous Material Information System (HMIS) Health 2
Fire Hazard 0
Reactivity 0

Specific Hazard

Protective None required. Clothing

Emergency Overview Orange. Liquid. See Section 9.

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY

CAUSE EYE IRRITATION.

Section 1. Chemical Product and Company Identification				
<b>Product Name</b>	VEXAL PLUS (HEAVY I	OUTY)	Code	4532
Product Use	Industrial/Institutional: Floor	care.	PMS#	454682
MSDS#	126705003		Validation Date	9/25/2002
U.S. Headquarters		Canadian Headquarters	Print Date	9/25/2002
JohnsonDiversey, Inc. 8310 16th Street		JohnsonDiversey Canada, Inc. 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	Supersedes	No Previous Validation.
Sturtevant, Wisconsin 53177-0902 Phone: (800) 725-6737 MSDS Internet Address: www.johnsondiversey.com			In Case of Emergency	(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	ACGIH TLV (United States). TWA: 2.5 mg/m³	Not available.
Dodecylbenzene Sulfonic Acid	68584-22-5	1-5	Not available.	Not available.
Sodium Alkyl Sulphonate	68608-26-4	1-5	Not available.	Not available.
Sodium Xylene Sulfonate	1300-72-7	1-5	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 Effe	ects	
I	Eyes May be moderately irritating to eyes.	
S	Skin May be mildly irritating to skin.	
Inhala	None known.	
Inges	tion May be harmful if swallowed. Ingestion may cause gastrointestinal irritation and diarrhea.	
Medical Conditions Aggravated by Overexposu	None known.  ire:	
See Toxicological Informat	tion (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	Immediately drink 1-2 glasses of water or milk. If ingested, call a physician or Poison Control Center immediately. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.	

Section 5. Fire Fighti	Section 5. Fire Fighting Measures		
Flammability of the Product Flash Points	None known. Not available.		
<b>Products of Combustion</b>	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		
<b>Personal Precautions</b>	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	Do not taste or swallow. Avoid contact with skin and eyes. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.	
Storage	Protect from freezing. Store in a dry, cool and well-ventilated area. 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 No special requirements under normal use conditions.		
На	ands No special requirements under normal use conditions.		
Respira	tory No special requirements under normal use conditions.		
1	Feet No special requirements under normal use conditions.		
В	Body No special protective clothing is required.		

Section 9. Physical and Chemical Properties		
Physical State and Appearance	Liquid.	
Odor	Mild.	
Color	Orange. (Light.)	
pН	5.8 to 7 [Acidic.]	
Specific Gravity	1.02	
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. Oxides of nitrogen. Hydrogen fluoride	
Hazardous Polymerization	Will not occur.	

Section	11.	<b>Toxicological</b>	Information
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Acute toxicity Estimated to be greater than 2000 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.

#### Section 14. Transport Information

**DOT Classification** 

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

TDG Classification

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

#### 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 Not applicable.

Information

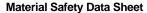
**Canadian Regulations** 

WHMIS Classification CLASS D-2B: Material causing other toxic effects (TOXIC).

WHMIS Icon



Registered Product Not applicable.
Information





## **VEXAL PLUS (HEAVY DUTY)**

**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	1.02	

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