

# VEXAL PLUS QUARRY TILE CLEANER (RTD)

National Fire Protection Association (NFPA)	Health	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Reactivity	0		Fire Hazard	0
	Specific Hazard	0		Reactivity	0
Protective Clothing	None required.		Emergency Overview	Straw color. Liquid. See Section 9. CAUTION: MAY BE HARMFUL IF SWALLOWED. May cause eye irritation. May be mildly irritating to skin.	

Section 1. Chemical Product and Company Identification	
Product Name	VEXAL PLUS QUARRY TILE CLEANER (RTD)
Product Use	Industrial/Institutional: Floor care.
MSDS#	F-00520001
U.S. Headquarters	Consumer Branded Professional Products Division, Johnson Diversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249
Code	3338841
PMS#	Not available.
Validation Date	3/24/2004
Print Date	3/24/2004
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
Triethanolamine	27323-41-7	1-5	Not available.	Not available.
Dodecylbenzene Sulfonate	1300-72-7	1-5	Not available.	Not available.
Sodium Xylene Sulfonate	68608-26-4	1-5	Not available.	Not available.
Sodium Alkyl Sulphonate	1341-49-7	1-5	Not available.	Not available.
Ammonium Bifluoride			<b>ACGIH TLV (United States).</b> TWA: 2.5 mg/m <sup>3</sup> 8 hour(s).	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	
<i>Eyes</i>	May be moderately irritating to eyes.
<i>Skin</i>	May be mildly irritating to skin.
<i>Inhalation</i>	None known.
<i>Ingestion</i>	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation and diarrhea.
Medical Conditions Aggravated by Overexposure:	None known.
See Toxicological Information (section 11)	

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**Section 4. First Aid Measures**

<b>Eye Contact</b>	Flush immediately with plenty of water. If irritation persists, get medical attention.
<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>	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 Fighting Measures**

<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	Closed cup: >93.333°C (200°F).
<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>	Do not taste or swallow. Avoid contact with skin and eyes. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
<b>Storage</b>	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</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.
<b>Odor</b>	Mild.
<b>Color</b>	Straw color. (Light.)
<b>pH</b>	4 to 5 [Acidic.]
<b>Specific Gravity</b>	1.02
<b>Solubility in water</b>	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. Toxicological Information**

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.
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**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**

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

**Section 15. Regulatory Information**

<b>Reporting in this section is based on ingredients disclosed in Section 2</b>	
<b>US Regulations</b>	
<b>Federal</b>	SARA 302/304/311/312 hazardous chemicals: Ammonium Bifluoride SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Ammonium Bifluoride SARA 313 toxic chemical notification and release reporting: Ammonium Bifluoride Clean Water Act (CWA) 311: Ammonium Bifluoride, Triethanolamine Dodecylbenzene Sulfonate CERCLA: Hazardous substances.: Ammonium Bifluoride, Triethanolamine Dodecylbenzene Sulfonate
<b>State</b>	New Jersey spill list: Ammonium Bifluoride New Jersey: Ammonium Bifluoride, Triethanolamine Dodecylbenzene Sulfonate Massachusetts spill list: Ammonium Bifluoride Massachusetts RTK: Ammonium Bifluoride, Triethanolamine Dodecylbenzene Sulfonate Pennsylvania RTK: Ammonium Bifluoride, Triethanolamine Dodecylbenzene Sulfonate
	This product is not subject to the reporting requirements under California's Proposition 65.
<b>Registered Product Information</b>	Not applicable.

<b>Canadian Regulations</b>
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**VEXAL PLUS QUARRY TILE CLEANER (RTD)****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**Notice to Reader**

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