

# VECTRA

|   |                |  |  |   |
|---|----------------|--|--|---|
| National Fire Protection Association (NFPA) | Fire Hazard    | Hazardous Material Information System (HMIS) | Health   | 1 |
|   | Health         |  | 0  |   |
|   | Reactivity     |  | Reactivity   | 0 |
| Specific Hazard                             |                |  |  |   |
| Protective Clothing                         | None required. | Emergency Overview                           | Translucent. Opaque Emulsion. See Section 9.<br>CAUTION: May be mildly irritating to eyes. May be mildly irritating to skin. |   |

## Section 1. Chemical Product and Company Identification

|   |   |                      |                        |
|---|---|----------------------|------------------------|
| Product Name  | VECTRA  | Code                 | 4071 & 4074 & 4078     |
| Product Use   | Industrial/Institutional: Floor care.   | PMS#                 | 3105027                |
| MSDS#   | 114070010   | Validation Date      | 4/14/2003              |
| U.S. Headquarters<br>Johnson Wax Professional<br>8310 16th Street<br>Sturtevant, Wisconsin 53177-0902<br>Phone: (888) 352-2249<br>MSDS Internet Address:<br>www.jwp.com | Canadian Headquarters<br>Johnson Wax Professional<br>100 Matheson Blvd. East, Suite 203<br>Mississauga, Ontario L4Z 2G7<br>Phone: (905) 755-0913 or<br>(888) 746-5971 | Print Date           | 4/14/2003              |
|   |   | 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]. 3000 mg/kg [Guinea pig]. 500 mg/kg [Mouse]. |
| Dipropylene Glycol Methyl Ether | 34590-94-8 | 1-5         | OSHA (United States). Skin<br>TWA: 600 mg/m <sup>3</sup><br>STEL: 900 mg/m <sup>3</sup><br>ACGIH (United States). Skin<br>TWA: 606 mg/m <sup>3</sup><br>STEL: 909 mg/m <sup>3</sup> | ORAL (LD50): Acute: 5119 mg/kg [Rat]. DERMAL (LD50): Acute: 9480 mg/kg [Rabbit].  |
| Diethylene Glycol Ethyl Ether   | 111-90-0   | 1-5         | Not available.  | ORAL (LD50): Acute: 5540 to 9740 mg/kg [Rat].                                     |
| Zinc Ammonium Carbonate         | 40861-29-8 | 1-5         | Not available.  | Not available.  |
| Acrylic Polymers                |            | 10-30       | 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 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                                  | Closed cup: >93.333°C (200°F).  |
| 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  |  |
| <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**

|                               |                     |
|-------------------------------|---------------------|
| Physical State and Appearance | Liquid. (Emulsion.) |
| Odor                          | Ammoniacal.         |
| Color                         | Translucent, Opaque |
| pH                            | 8.5 to 9 [Basic.]   |
| Specific Gravity              | 1.03                |
| Solubility in water           | Dispersible.        |

**Section 10. Stability and Reactivity**

|   |   |
|---|---|
| Stability and Reactivity                | The product is stable.  |
| Conditions of Instability               | None known.   |
| Incompatibility with Various Substances | None known.   |
| 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) 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 SARA 313 toxic chemical notification and release reporting: Diethylene Glycol Ethyl Ether, Zinc Ammonium Carbonate  
Clean Water Act (CWA) 307: Zinc Ammonium Carbonate  
CERCLA: Hazardous substances.: Diethylene Glycol Ethyl Ether, Zinc Ammonium Carbonate

State New Jersey spill list: Diethylene Glycol Ethyl Ether, Zinc Ammonium Carbonate  
New Jersey: 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: 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.

Canadian Regulations

Canadian NPRI Canadian NPRI: Zinc Ammonium Carbonate.

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 MSDS Serial Range: 010-012.

Version 2.5

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