# ENDBAC II DISINFECTANT SPRAY

## Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>ENDBAC II DISINFECTANT SPRAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Use</td>
<td>Industrial/Institutional: Disinfectant.</td>
</tr>
<tr>
<td>MSDS#</td>
<td>124740001</td>
</tr>
<tr>
<td>U.S. Headquarters</td>
<td>Johnson Wax Professional</td>
</tr>
<tr>
<td></td>
<td>8310 16th Street</td>
</tr>
<tr>
<td></td>
<td>Sturtevant, Wisconsin 53177-0902</td>
</tr>
<tr>
<td></td>
<td>Phone: (888) 352-2249</td>
</tr>
<tr>
<td></td>
<td>MSDS Internet Address: <a href="http://www.jwp.com">www.jwp.com</a></td>
</tr>
<tr>
<td>Canadian Headquarters</td>
<td>Johnson Wax Professional</td>
</tr>
<tr>
<td></td>
<td>100 Matheson Blvd. East, Suite 203</td>
</tr>
<tr>
<td></td>
<td>Mississauga, Ontario L4Z 2G7</td>
</tr>
<tr>
<td></td>
<td>Phone: (905) 755-0913 or (888) 746-5971</td>
</tr>
<tr>
<td>Code</td>
<td>54746</td>
</tr>
<tr>
<td>PMS#</td>
<td>3021309</td>
</tr>
<tr>
<td>Validation Date</td>
<td>11/12/2002</td>
</tr>
<tr>
<td>Print Date</td>
<td>11/12/2002</td>
</tr>
<tr>
<td>Supersedes</td>
<td>No Previous Validation.</td>
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</table>

## Section 2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>% by Weight</th>
<th>Exposure Limits</th>
<th>LC50/LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Alkyl Dimethyl Ethylbenzyl</td>
<td>68956-79-6</td>
<td>&lt;0.1</td>
<td>Not available.</td>
<td>ORAL (LD50): Acute: 500 mg/kg [Rat].</td>
</tr>
<tr>
<td>Ammonium Chlorides</td>
<td></td>
<td></td>
<td></td>
<td>ORAL (LD50): Acute: 500 mg/kg [Rat].</td>
</tr>
<tr>
<td></td>
<td>68391-01-5</td>
<td>&lt;0.1</td>
<td>TWA: 1900 (mg/m³) from</td>
<td>Not available.</td>
</tr>
<tr>
<td>n-Alkyl Dimethyl Benzyl Ammonium Chlorides</td>
<td>106-97-8</td>
<td>1-5</td>
<td>OSHA (PEL) [United States]</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 1900 (mg/m³) from</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH (TLV) [United States]</td>
<td></td>
</tr>
<tr>
<td>Butane</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not available.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>3-7</td>
<td>TWA: 1800 (mg/m³) from</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA (PEL) [United States]</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 4508 (mg/m³) from</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH (TLV) [United States]</td>
<td></td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>10-30</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>10-30</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>30-60</td>
<td>TWA: 1880 (mg/m³) from</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH (TLV) [United States]</td>
<td></td>
</tr>
</tbody>
</table>

## 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**: May be irritating to nose, throat, and respiratory tract.
- **Ingestion**: May be irritating to mouth, throat and stomach.

*Continued on Next Page*
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
If breathing is difficult: Remove to fresh air. Get medical attention.

Ingestion
Immediately drink plenty of water. Seek immediate medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product
NFPA 30B Level 2 Aerosol.

Flash Points
< 7°C (propellant).

Products of Combustion
None known.

Fire Fighting Media and Instructions
Use water spray to keep fire-exposed containers cool. Dry chemical, carbon dioxide. Fight fire from protected location or maximum possible distance. In case of fire and/or explosion do not breathe fumes.

Protective Clothing (Fire)
Put on appropriate personal protective equipment (see Section 8.).

Special Remarks on Fire and Explosion Hazards
Aerosol product - Containers may rocket or explode in heat of fire.

Section 6. Accidental Release Measures

Personal Precautions
Put on appropriate personal protective equipment (see Section 8.).

Environmental Precautions and Clean-up Methods
Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

Section 7. Handling and Storage

Handling
Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Use only in well-ventilated areas. Do not puncture or incinerate. FOR INDUSTRIAL USE ONLY.

Storage
Store in a dry, cool and well-ventilated area. Protect from freezing. Keep away from heat, sparks and flame. Pressurized container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. 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
If major exposure is possible, wear suitable protective clothing.

Section 9. Physical and Chemical Properties

Physical State and Appearance
Liquid. (Aerosol.)

Odor
Mild. Alcohol like.

Color
Clear Colorless.

pH
9 to 10 [Basic.]

Specific Gravity
0.72

Vapor Density
1 Air = 1

Continued on Next Page
Section 10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaporation Rate</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Appreciable.</td>
</tr>
<tr>
<td>Stability and Reactivity</td>
<td>The product is stable.</td>
</tr>
<tr>
<td>Conditions of Instability</td>
<td>Excessive heat.</td>
</tr>
<tr>
<td>Incompatibility with Various</td>
<td>Reactive with oxidizing agents.</td>
</tr>
<tr>
<td>Substances</td>
<td></td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>When exposed to fire: Produces normal products of combustion.</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur.</td>
</tr>
</tbody>
</table>

Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Effects of Chronic Exposure</td>
<td>None known.</td>
</tr>
<tr>
<td>Other Toxic Effects</td>
<td>Not available.</td>
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</tbody>
</table>

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

| Waste Information | PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes. |

Section 14. Transport Information

<table>
<thead>
<tr>
<th>DOT Classification</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TDG Classification</td>
<td></td>
</tr>
<tr>
<td>TDG Proper</td>
<td></td>
</tr>
<tr>
<td>Shipping Name</td>
<td></td>
</tr>
<tr>
<td>TDG Class</td>
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</tr>
<tr>
<td>Please refer to the Bill of Lading/receiving documents for up to date shipping information.</td>
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</tr>
</tbody>
</table>

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal
- Clean air act (CAA) 112 accidental release prevention: Butane, Ethanol
- Clean air act (CAA) 112 regulated flammable substances: Butane, Propane, Isobutane
- CERCLA: Hazardous substances.: Propane, Isobutane, Ethyl Alcohol

State
- New Jersey: Butane, Propane, Isobutane, Ethanol, Ethyl Alcohol
- Massachusetts spill list: Butane, Propane, Isobutane, Ethyl Alcohol
- Massachusetts RTK: Butane, Propane, Isobutane, Ethanol, Ethyl Alcohol
- Pennsylvania RTK: Butane, Propane, Isobutane, Ethanol, Ethyl Alcohol
- This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information
- Not applicable.

Canadian Regulations

WHMIS Classification
- Not controlled under WHMIS (Canada).

WHMIS Icon

Registered Product Information
- DIN: 02244932

Continued on Next Page
<table>
<thead>
<tr>
<th>Chemical Inventory Status</th>
<th>All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.</th>
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### Section 16. Other Information

<table>
<thead>
<tr>
<th>Other Special Considerations</th>
<th>Not available.</th>
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<tbody>
<tr>
<td>Version</td>
<td>1.01</td>
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</table>

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