**END BAC II DISINFECTANT SPRAY**

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** END BAC II DISINFECTANT SPRAY  
**MSDS #:** 124740001  
**Product code:** 54746  
**Recommended use:** Disinfectant.

**Manufacturer, importer, supplier:**
US Headquarters  
JohnsonDiversey, Inc.  
8310 16th St.  
Sturtevant, Wisconsin 53177-0902  
Phone: 1-888-352-2249

Canadian Headquarters  
JohnsonDiversey - Canada, Inc.  
2401 Bristol Circle  
Oakville, Ontario L6H 6P1  
Phone: 1-800-668-3131

**Emergency telephone number:** 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

**2. HAZARDS IDENTIFICATION**

**Principle routes of exposure:** Skin contact. Eye contact. Inhalation. Ingestion.

**Skin contact:** May be mildly irritating to skin.

**Eye contact:** May be mildly irritating to eyes.

**Inhalation:** May be irritating to nose, throat, and respiratory tract.

**Ingestion:** May be irritating to mouth, throat and stomach.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**HAZARDOUS COMPONENTS**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>40 - 50%</td>
<td>7060 mg/kg (rat)</td>
<td>Not available</td>
<td>20 g/kg/10H (rat)</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>5 - 10%</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>30 - 40%</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

**4. FIRST AID MEASURES**

**Eye contact:** Flush immediately with plenty of water. Get medical attention if irritation occurs.

**Skin contact:** Rinse with plenty of water. Get medical attention if irritation occurs.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention.

**Ingestion:** Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Call medical attendant, medical doctor, or poison control center.

**Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptible to irritating effects.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** Dry chemical, water spray, foam, carbon dioxide.

**Specific hazards:** Aerosol product - Containers may rocket or explode in heat of fire.

**Unusual hazards:** None known.

**Specific methods:** Use water spray to keep fire-exposed containers cool.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** None.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove all sources of ignition.
Environmental precautions and clean-up methods: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling:
Avoid contact with skin and eyes. Wash thoroughly after handling. Avoid breathing vapors or mists. Keep away from open flames, hot surfaces and sources of ignition. CONTENTS UNDER PRESSURE. Do not puncture or incinerate. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage:
Keep tightly closed in a dry, cool and well-ventilated place. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 degrees C or 120 degrees F. Do not pierce or burn, even after use. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection: No special requirements under normal use conditions
Hand protection: No special requirements under normal use conditions
Skin and body protection: No special requirements under normal use conditions
Respiratory protection: No special requirements under normal use conditions
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>1000 ppm (TWA)</td>
<td>1900 mg/m³ 1000 ppm</td>
<td>1900 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1000 ppm (TWA)</td>
<td>1800 mg/m³ 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>1000 ppm (TWA)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Aerosol</th>
<th>Appearance:</th>
<th>Aerosol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Colourless</td>
<td>Boiling point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
<td>Melting point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.72</td>
<td>pH:</td>
<td>9.0 - 10.0</td>
</tr>
<tr>
<td>Dilution pH</td>
<td>No information available</td>
<td>Density:</td>
<td>No information available</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
<td>Decomposition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td>Autoignition temperature:</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>No information available</td>
<td>Solubility:</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td>VOC:</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
<td>Flash point:</td>
<td>&lt;-7 (°C)</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerisation: Hazardous polymerisation does not occur
Hazardous decomposition products: None reasonably foreseeable
Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

Component Information: See Section 3
Chronic toxicity: None known
Specific effects

Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known
HAZARDOUS COMPONENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>Listed</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes.

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

International Inventories
All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations
California Proposition 65: This product is not subject to the reporting requirements under California’s Proposition 65.

STATE RIGHT TO KNOW

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>MARTK</th>
<th>NJRTK</th>
<th>PARTK</th>
<th>RIRTK</th>
<th>ILRTK</th>
<th>CTRTK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
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<td>Listed</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>Listed</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>Listed</td>
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<tr>
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<td>75-28-5</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
<td>-</td>
<td>Listed</td>
<td>Listed</td>
</tr>
</tbody>
</table>

CERCLA / SARA

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>40 - 50%</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
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</table>

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada
WHMIS hazard class: Non-controlled.

DIN No.: 02244932

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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