

MATERIAL SAFETY DATA SHEET



END BAC II DISINFECTANT SPRAY

| HMIS | | NFPA | Personal protective equipment |
|-------------|---|------|-------------------------------|
| Health | 1 | 1 | None Required |
| Fire Hazard | 4 | 4 | |
| Reactivity | 0 | 0 | |

Version Number: 2

Preparation date: 2005-06-22

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: Canadian Headquarters
 JohnsonDiversey, Inc. JohnsonDiversey - Canada, Inc.
 8310 16th St. 2401 Bristol Circle
 Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1
 Phone: 1-888-352-2249 Phone: 1-800-668-3131
 MSDS Internet Address:
 www.johnsondiversev.com

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. CONTENTS UNDER PRESSURE. MAY CAUSE EYE AND SKIN IRRITATION.

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

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

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

| Ingredient | CAS # | ACGIH | OSHA | Mexico |
|---------------|---------|----------------|---------------------------------|------------------------------|
| Ethyl alcohol | 64-17-5 | 1000 ppm (TWA) | 1900 mg/m ³ 1000 ppm | 1900 mg/m ³ (TWA) |
| Propane | 74-98-6 | 1000 ppm (TWA) | 1800 mg/m ³ 1000 ppm | |
| Isobutane | 75-28-5 | 1000 ppm (TWA) | | |

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Aerosol
Color: Colourless
Odor: Characteristic
Specific gravity: 0.72
Dilution pH: No information available
Bulk density: No information available
Vapor density: No information available
Evaporation rate: No information available
Solubility in other solvents: No information available
Viscosity: No information available
Partition coefficient (n-octanol/water): No information available

Appearance: Aerosol
Boiling point/range: Not determined
Melting point/range: Not determined
pH: 9.0 - 10.0
Density: No information available
Decomposition temperature: Not determined
Autoignition temperature: No information available
Solubility: No information available
VOC: No information available
Flash point: <20 (°F) <-7 (°C)

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: 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

| Ingredient | CAS # | NTP | IARC | OSHA |
|---------------|---------|---------|------|------|
| Ethyl alcohol | 64-17-5 | Listed. | | |

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

| Ingredient | CAS # | MARTK: | NJRTK: | PARTK: | RIRTK: | ILRTK: | CTRTK: |
|---------------|-----------|--------|--------|--------|--------|--------|--------|
| Ethyl alcohol | 64-17-5 | Listed | Listed | Listed | Listed | Listed | Listed |
| Water | 7732-18-5 | - | - | - | - | - | - |
| Propane | 74-98-6 | Listed | Listed | Listed | Listed | Listed | Listed |
| Isobutane | 75-28-5 | Listed | Listed | Listed | - | Listed | Listed |

CERCLA / SARA

| Ingredient | CAS # | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|---------------|---------|----------|----------------------|-----------------------|-------------|
| Ethyl alcohol | 64-17-5 | 40 - 50% | 100 | | |
| Propane | 74-98-6 | 5 - 10% | 100 | | |
| Isobutane | 75-28-5 | 30 - 40% | 100 | | |

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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