

JWX04832 1055

## MATERIAL SAFETY DATA SHEET

JohnsonDiversey



Clean is just the beginning

## END BAC II SPRAY DISINFECTANT

HMIS		NFPA	Personal protective equipment
Health	2	2	
Fire Hazard	4	4	
Reactivity	0	0	

Version Number: 1

Preparation date: 2009-09-03

Product name: END BAC II SPRAY DISINFECTANT

MSDS #: 114742001

Product Code: 04832

Recommended use: Disinfectant.

Manufacturer, importer, supplier:

US Headquarters  
JohnsonDiversey, Inc.  
8310 16th St.  
Sturtevant, Wisconsin 53177-1964  
Phone: 1-888-352-2249  
MSDS Internet Address:  
www.johnsondiversey.com

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (intl)

## EMERGENCY OVERVIEW

WARNING: CAUSES EYE IRRITATION. CONTENTS UNDER PRESSURE.

Principle routes of exposure: Eye contact. Skin contact. Inhalation.  
 Eye contact: Severe eye irritation.  
 Skin contact: None known.  
 Inhalation: May be irritating to nose, throat, and respiratory tract.  
 Ingestion: May cause irritation to mouth, throat and stomach.

## Hazardous Ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
n-Alkyl (80% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	68391-01-5	0.1 - 1.5%	500	Not available	Not available
n-Alkyl (88% C14, 32% C16) dimethyl ethylbenzyl ammonium chloride	68956-79-6	0.1 - 1.5%	500	Not available	Not available
Ethyl alcohol	64-17-5	30 - 40%	7060	Not available	Not available
Butane	106-97-8	20 - 30%	2000	Not available	=658 mg/L (4 h)
Propane	74-98-6	10 - 20%	2400	Not available	=658 mg/L (4 h)

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.  
 Skin contact: Rinse with plenty of water.  
 Inhalation: If breathing is affected, remove to fresh air. Get medical attention.  
 Ingestion: Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Aggravated Medical Conditions: None known.

Suitable extinguishing media:

Dry chemical, water spray, foam, carbon dioxide.

Specific hazards:

Aerosol product - Containers may rocket or explode in heat of fire. NFPA 30B Level 2 Aerosol.

END BAC II SPRAY DISINFECTANT

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**Unusual hazards:** None known  
**Specific methods:** Aerosol Product - Containers may rocket or explode in heat of fire.

**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:** No information available

**Personal precautions:** Use personal protective equipment  
**Environmental precautions and clean-up methods:** No information available

**Handling:**  
 CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Avoid breathing vapors or mists. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Use only in well-ventilated areas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.  
**Storage:**  
 Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. NFPA 30B Level 2 Aerosol. 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 REACH OF CHILDREN

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

**Personal Protective Equipment**

**Eye protection:** Chemical-splash goggles.  
**Hand protection:** Chemical-resistant gloves  
**Skin and body protection:** No special protective clothing is required.  
**Respiratory protection:** No special protective clothing is required.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Ethyl alcohol	64-17-5	1000 ppm (TWA)	1900 mg/m <sup>3</sup> (TWA) 1000 ppm (TWA)	1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA)
Butane	106-97-8	1000 ppm (TWA)		1900 mg/m <sup>3</sup> (TWA) 800 ppm (TWA)
Propane	74-98-6	1000 ppm (TWA)	1000 ppm (TWA) 1800 mg/m <sup>3</sup> (TWA)	

<b>Physical State:</b> Aerosol <b>pH:</b> 11.13 <b>Appearance:</b> Aerosol <b>Color:</b> Clear Colorless <b>Odor:</b> Characteristic <b>Specific gravity:</b> 0.898 <b>Density:</b> 7.49 lbs/gal 0.898 Kg/L <b>VOC:</b> 67% * <b>Flash point:</b> <0°F <17.8°C <b>Solubility:</b> Completely Soluble <b>Viscosity:</b> No information available	<b>Bulk density:</b> No information available <b>Dilution pH:</b> 11.13 @ RTU <b>Vapor density:</b> No information available <b>Evaporation Rate:</b> No information available <b>Boiling point/range:</b> Not determined <b>Melting point/range:</b> Not determined <b>Decomposition temperature:</b> Not determined <b>Autoignition temperature:</b> No information available <b>Partition coefficient (n-octanol/water):</b> No information available <b>Solubility in other solvents:</b> No information available <b>Elemental Phosphorus:</b> 0.00% by wt.
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**Explosion limits:** - lower: Not determined- upper: Not determined

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

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

**TOXICOLOGICAL INFORMATION**

**Acute toxicity:** Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.  
**Component information:** See Section 3

**Chronic toxicity:** None known

**Specific effects**

<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	None known

**Hazardous Ingredients**

Ingredient(s)	CAS #	NTP	IARC	OSHA
Ethyl alcohol	64-17-5	X		X

**ECOTOXICOLOGICAL INFORMATION**

**Environmental Information:** No data available

**DISPOSITIONAL INFORMATION**

Do not contaminate water, food, or feed by storage or disposal

**Waste from residues / unused products:**

Dispose of according to all federal, state and local applicable regulations. Undiluted product is regulated under environmental and transportation laws as an ignitable waste.

**Pesticide Storage:**

Store in original container in areas inaccessible to children. Open dumping is prohibited. Do not reuse empty container

**Pesticide Disposal:**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law

**Container Disposal:**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by State and local authorities burn. If burned, stay out of smoke

RCRA Hazard Class: D001

**TRANSPORT INFORMATION**

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

**REGULATORY INFORMATION****International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA).

**U.S. Regulations**

EPA Reg. No.: 67603-4

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

**CERCLA/ SARA****SARA 311/312 Hazard Categories**

Immediate:	X
Delayed:	-
Fire:	X
Reactivity:	-
Sudden Release of Pressure:	X

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

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