


# END BAC II SPRAY DISINFECTANT

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Health		2	Fire Hazard
	Reactivity		Reactivity	0
Specific Hazard				
Protective Clothing		Emergency Overview	Colorless. Aerosol. See Section 9. WARNING: Causes substantial but temporary eye injury. CONTENTS UNDER PRESSURE.	

Section 1. Chemical Product and Company Identification				
Product Name	END BAC II SPRAY DISINFECTANT		Code	4832
Product Use	Industrial/Institutional: Disinfectant.		PMS#	2969982
MSDS#	114742001		Validation Date	8/27/2002
U.S. Headquarters	Canadian Headquarters	Print Date	8/27/2002	
Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	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
n-Alkyl Dimethyl Ethylbenzyl Ammonium Chlorides	68956-79-6	.05	Not available.	Not available.
n-Alkyl Dimethyl Benzyl Ammonium Chlorides	68391-01-5	.05	Not available.	Not available.
Propane	74-98-6	7-13	TWA: 1800 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 4508 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	Not available.
Butane	106-97-8	10-30	TWA: 1900 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 1900 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	Not available.
Ethyl Alcohol	64-17-5	37.0	TWA: 1900 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 1880 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 7060 mg/kg [Rat]. VAPOR (LC50): Acute: 20000 ppm 10 hours [Rat].

Section 3. Hazards Identification	
Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
<i>Eyes</i>	May be moderately irritating to eyes.
<i>Skin</i>	May be mildly irritating to skin.
<i>Inhalation</i>	None known.
<i>Ingestion</i>	May be irritating to mouth, throat and stomach.
Medical Conditions Aggravated by Overexposure:	None known.
See Toxicological Information (section 11)	

<b>Section 4. First Aid Measures</b>	
<b>Eye Contact</b>	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Get medical attention.
<b>Skin Contact</b>	Flush immediately with plenty of water. Get medical attention if irritation occurs.
<b>Inhalation</b>	No specific first aid measures are required.
<b>Ingestion</b>	Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person. Get medical attention.

<b>Section 5. Fire Fighting Measures</b>	
<b>Flammability of the Product</b>	NFPA 30B Level 2 Aerosol.
<b>Flash Points</b>	< 0°F (-17.7°C) (propellant).
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	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.
<b>Protective Clothing (Fire)</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Special Remarks on Fire and Explosion Hazards</b>	Aerosol product - Containers may rocket or explode in heat of fire.

<b>Section 6. Accidental Release Measures</b>	
<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Environmental Precautions and Clean-up Methods</b>	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.

<b>Section 7. Handling and Storage</b>	
<b>Handling</b>	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
<b>Storage</b>	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 (130°F). Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN.

<b>Section 8. Exposure Controls/Personal Protection</b>	
<b>Engineering Controls</b>	No special ventilation requirements. General room ventilation is adequate.
<b>Personal Protection</b>	
<i>Eyes</i>	Safety glasses. or Face shield.
<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>	If major exposure is possible, wear suitable protective clothing.

<b>Section 9. Physical and Chemical Properties</b>	
<b>Physical State and Appearance</b>	Liquid. (Aerosol.)
<b>Odor</b>	Fresh.
<b>Color</b>	Colorless.
<b>pH</b>	Not available.
<b>Specific Gravity</b>	0.72
<b>Solubility in water</b>	Complete.

<b>Section 10. Stability and Reactivity</b>	
Stability and Reactivity	The product is stable.
Conditions of Instability	Excessive heat.
Incompatibility with Various Substances	Slightly reactive to reactive with reducing agents.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

<b>Section 11. Toxicological Information</b>	
Acute toxicity	Acute oral toxicity (LD50): Estimated to be greater than 5000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

<b>Section 12. Ecological Information</b>	
Not available.	

<b>Section 13. Disposal Considerations</b>	
Waste Information	PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes.

<b>Section 14. Transport Information</b>	
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.
TDG Class	

<b>Section 15. Regulatory Information</b>	
<b>Reporting in this section is based on ingredients disclosed in Section 2</b>	
US Regulations	
<b>Federal</b>	Clean air act (CAA) 112 accidental release prevention: Butane Clean air act (CAA) 112 regulated flammable substances: Butane, Propane CERCLA: Hazardous substances.: Ethyl Alcohol, Propane
<b>State</b>	New Jersey: Ethyl Alcohol, Butane, Propane Massachusetts spill list: Ethyl Alcohol, Propane Massachusetts RTK: Ethyl Alcohol, Butane, Propane Pennsylvania RTK: Ethyl Alcohol, Butane, Propane This product is not subject to the reporting requirements under California's Proposition 65.
<b>Registered Product Information</b>	EPA Registration Number: 67603-4-70627
Canadian Regulations	
<b>WHMIS Classification</b>	Not applicable.
<b>WHMIS Icon</b>	
<b>Registered Product Information</b>	Not applicable.

<b>Chemical Inventory Status</b>	All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
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**Section 16. Other Information**

<b>Other Special Considerations</b>	Not available.
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<b>Version</b>	1.02
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