


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	Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Canadian Headquarters	Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971
		Print Date	8/27/2002
		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 ³) from OSHA (PEL) [United States] TWA: 4508 (mg/m ³) from ACGIH (TLV) [United States]	Not available.
Butane	106-97-8	10-30	TWA: 1900 (mg/m ³) from OSHA (PEL) [United States] TWA: 1900 (mg/m ³) from ACGIH (TLV) [United States]	Not available.
Ethyl Alcohol	64-17-5	37.0	TWA: 1900 (mg/m ³) from OSHA (PEL) [United States] TWA: 1880 (mg/m ³) 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)	

Section 4. First Aid Measures	
Eye Contact	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.
Skin Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Inhalation	No specific first aid measures are required.
Ingestion	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.

Section 5. Fire Fighting Measures	
Flammability of the Product	NFPA 30B Level 2 Aerosol.
Flash Points	< 0°F (-17.7°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. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. FOR COMMERCIAL AND 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 (130°F). 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	
<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.

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

Section 10. Stability and Reactivity	
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.

Section 11. Toxicological Information	
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.

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	
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	

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 Clean air act (CAA) 112 regulated flammable substances: Butane, Propane CERCLA: Hazardous substances.: Ethyl Alcohol, Propane
State	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.
Registered Product Information	EPA Registration Number: 67603-4-70627
Canadian Regulations	
WHMIS Classification	Not applicable.
WHMIS Icon	
Registered Product Information	Not applicable.

Chemical Inventory Status	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

Other Special Considerations	Not available.
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