

END BAC II DISINFECTANT SPRAY

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	1
	Health		Reactivity	4
	Specific Hazard		Reactivity	0
Protective Clothing	None required.	Emergency Overview	Colorless. Aerosol. See Section 9. CAUTION: CONTENTS UNDER PRESSURE. May be mildly irritating to eyes. May be mildly irritating to skin.	

Section 1. Chemical Product and Company Identification

Product Name	END BAC II DISINFECTANT SPRAY	Code	14742
Product Use	Industrial/Institutional: Disinfectant.	PMS#	433113
MSDS#	114740006	Validation Date	04/19/2000
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	04/19/2000
		Supersedes	04/12/2000.
		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	0.072	Not available.	Not available.
n-Alkyl Dimethyl Benzyl Ammonium Chlorides	68391-01-5	0.072	Not available.	Not available.
Propane	74-98-6	1-5	TWA: 1800 (mg/m ³) from OSHA (PEL) [United States] TWA: 4508 (mg/m ³) from ACGIH (TLV) [United States]	Not available.
Isobutane	75-28-5	10-30	Not available.	VAPOR (LC50): Acute: 0.0057 ppm 0.25 hours [Rat].
Ethyl Alcohol	64-17-5	30-60	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	<p><i>Eyes</i> May be mildly irritating to eyes.</p> <p><i>Skin</i> May be mildly irritating to skin.</p> <p><i>Inhalation</i> May be irritating to nose, throat, and respiratory tract.</p> <p><i>Ingestion</i> None known.</p>
Medical Conditions Aggravated by Overexposure:	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

Section 4. First Aid Measures	
Eye Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Skin Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	Have conscious person drink several glasses of water or milk. Immediately get medical attention.


Section 5. Fire Fighting Measures	
Flammability of the Product	None known.
Flash Points	CLOSED CUP: <-7°C (19.4°F).
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 skin and eyes. Avoid breathing vapors or spray mists. FOR INDUSTRIAL USE ONLY. Use only in well-ventilated areas. Do not puncture or incinerate.
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. 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>	No special protective clothing is required.
<i>Hands</i>	No special protective clothing is required.
<i>Respiratory</i>	No special protective clothing is required.
<i>Feet</i>	No special protective clothing is required.
<i>Body</i>	No special protective clothing is required.

Section 9. Physical and Chemical Properties	
Physical State and Appearance	Liquid. (Aerosol.)
Odor	Mild.
Color	Colorless.
pH	9.35 [Basic.]
Specific Gravity	0.9
Vapor Pressure	60 mm of Hg
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	None known.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.
Section 11. Toxicological Information	
Acute toxicity	Not available.
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.
Section 12. Ecological Information	
Not available.	
Section 13. Disposal Considerations	
Waste Information	If possible, recycle empty aerosol cans to the nearest steel recycling center. Use up package or give to someone who can. Dispose of according to all federal, state and local regulations.
Section 14. Transport Information	
DOT Classification	Not regulated
TDG Classification	Not regulated
Section 15. Regulatory Information	
Reporting in this section is based on ingredients disclosed in Section 2	
US Regulations	
Federal	Clean air act (CAA) 112 regulated flammable substances: Isobutane, Propane CERCLA: Hazardous substances.: Isobutane, Propane, Ethyl Alcohol
State	New Jersey: Isobutane, Propane, Ethyl Alcohol Massachusetts spill list: Isobutane, Propane, Ethyl Alcohol Massachusetts RTK: Isobutane, Propane, Ethyl Alcohol Pennsylvania RTK: Isobutane, Propane, Ethyl Alcohol This product is not subject to the reporting requirements under California's Proposition 65.
Registered Product Information	EPA Registration Number: 11525-30-4822
Canadian Regulations	
WHMIS Classification	Not controlled under WHMIS (Canada).
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.

Section 16. Other Information

Other Special Considerations	MSDS Serial Range: 006-007
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