

# HEPTAGON II DISINFECTANT SPRAY

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	1
	Health		1	0
	Reactivity		0	0
Specific Hazard				
Protective Clothing	None required.	Emergency Overview	Clear Liquid. See Section 9. CAUTION: Causes moderate eye irritation.	

## Section 1. Chemical Product and Company Identification

Product Name	HEPTAGON II DISINFECTANT SPRAY	Code	3130804
Product Use	Industrial/Institutional: Disinfectant.	PMS#	3194007
MSDS#	F-00372001	Validation Date	9/22/2003
U.S. Headquarters The Butcher Company 8310 16th Street Sturtevant, WI 53177-0902 General Information: 800-225-9475	Print Date	9/22/2003	
	Supersedes	9/22/2003.	
	In Case of Emergency	Emergency (24 hour) 800-228-5635 CHEMTREC (US/Canada) 800-424-9300 CHEMTREC (Int'l) +1-703-527-3887	

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
n-Alkyl Dimethyl Benzyl Ammonium Chlorides	68391-01-5	0.105	Not available.	Not available.
n-Alkyl Dimethyl Ethylbenzyl Ammonium Chlorides	68956-79-6	0.105	Not available.	Not available.
Diethylene Glycol Butyl Ether	112-34-5	5-10	Not available.	ORAL (LD50): Acute: 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 2700 mg/kg [Rabbit].

## Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<p><i>Eyes</i> Causes moderate eye irritation.</p> <p><i>Skin</i> May be mildly irritating to skin.</p> <p><i>Inhalation</i> None known.</p> <p><i>Ingestion</i> None known.</p>
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	Take off contaminated clothing. Flush immediately with plenty of water for at least 15 minutes. Get medical attention.
Inhalation	No specific first aid measures are required.
Ingestion	No specific first aid measures are required.
Notes to Physician	No special measures required.

**Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	Closed cup: >93.333°C (200°F).
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
<b>Special Remarks on Fire and Explosion Hazards</b>	None known.

**Section 6. Accidental Release Measures**

<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Environmental Precautions and Clean-up Methods</b>	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

**Section 7. Handling and Storage**

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

**Section 8. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	No special ventilation requirements. General room ventilation is adequate.
<b>Personal Protection</b>	
<i>Eyes</i>	No special requirements under normal use conditions.
<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>	No special protective clothing is required.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Liquid.
<b>Odor</b>	Lemon like.
<b>Color</b>	Clear
<b>pH</b>	11.5 to 11.9 [Basic.]
<b>Specific Gravity</b>	1
<b>Boiling/Condensation Point</b>	>93.333°C (200°F)
<b>Melting/Freezing Point</b>	<0°C (32°F)
<b>Solubility in water</b>	Complete.

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Conditions of Instability</b>	None known.
<b>Incompatibility with Various Substances</b>	Reactive with oxidizing agents, acids.
<b>Hazardous Decomposition Products</b>	When exposed to fire: Produces normal products of combustion. Toxic decomposition products include: Oxides of nitrogen.
<b>Hazardous Polymerization</b>	Will not occur.

**Section 11. Toxicological Information**

**Acute toxicity** ORAL (LD50) Greater than 5000 mg/kg (rat).  
DERMAL (LD50) Greater than 5000 mg/kg (rat).

**Effects of Chronic Exposure** None known.

**Other Toxic Effects** Not available.

**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.

**Section 15. Regulatory Information**

**Reporting in this section is based on ingredients disclosed in Section 2**

**US Regulations**

**Federal CERCLA:** Hazardous substances.: Diethylene Glycol Butyl Ether

**State** New Jersey spill list: Diethylene Glycol Butyl Ether  
New Jersey: Diethylene Glycol Butyl Ether  
Pennsylvania RTK: Diethylene Glycol Butyl Ether

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

**Registered Product Information** EPA Registration Number: 70627-2-7176

**Canadian Regulations**

**WHMIS Classification** Not controlled under WHMIS (Canada). Exempt

**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: 1-2

**Version**      1.02

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