

AUTO-CHLOR BI-KLEEN

National Fire Protection Association (NFPA)	Fire Hazard	Health	Reactivity	Specific Hazard	Hazardous Material Information System (HMIS)	Health	2
						Fire Hazard	0
						Reactivity	0



Emergency Blue. Liquid.
Overview CAUTION: May cause eye and skin irritation.

Section 1. Chemical Product and Company Identification

Product Name	AUTO-CHLOR BI-KLEEN	Code	3343906
Product Use	Industrial/Institutional	PMS#	Not available.
MSDS#	F-00508001	Validation Date	5/14/2004
U.S. Headquarters Auto-C, LLC 746 Poplar Avenue Memphis, TN 38105 For General Information: 800-477-3693 MSDS Internet Address: www.auto-chlor.com	Print Date		5/14/2004
	Supersedes		No Previous Validation.
	In Case of Emergency		Emergency Telephone: (800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Water	7732-18-5	60-100	Not available.	Not available.
Sodium methyl ester and fatty acids	149456-07-1	5-10	Not available.	Not available.
Alkanolamide	68603-42-9	1-5	Not available.	Not available.
Alcohol Ethoxylates	68439-46-3	1-5	Not available.	ORAL (LD50): Acute: 1378 mg/kg [Rat]. DERMAL (LD50): Acute: >2000 mg/kg [Rabbit]. ORAL (LD50): Acute: 630 mg/kg [Rat].
Glycols, polyethylene, dodecyl ether, monsulphonate ammonium salt	32612-48-9	1-5	Not available.	
Alkyl Poly Glycoside	110615-47-9	1-5	Not available.	Not available.
Ethyl Alcohol	64-17-5	0.1-1	OSHA (United States). TWA: 1900 mg/m ³ ACGIH (United States). TWA: 1880 mg/m ³ ACGIH TLV (United States, 2003). Notes: 1996 Adoption Refers to Appendix A -- Carcinogens. TWA: 1880 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States, 1993). Notes: TWA: 1900 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s)	ORAL (LD50): Acute: 7060 mg/kg [Rat]. 6300 mg/kg [Rabbit]. 3450 mg/kg [Mouse]. VAPOR (LC50): Acute: 20000 ppm 10 hour(s) [Rat].
Dodecylbenzene sulfonic acid, magnesium salt	27479-45-4	10-30	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry	Skin Contact. Eye contact. Inhalation.
Potential Acute Health Effects	
	Eyes May be moderately irritating to eyes.
	Skin May be moderately irritating to skin.
	Inhalation May be irritating to nose, throat, and respiratory tract.



Ingestion May cause abdominal discomfort, nausea, vomiting and diarrhea. May be irritating to mouth, throat and stomach.

Medical Conditions Aggravated by Overexposure: Persons with pre-existing skin disorders 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. If irritation persists, get medical attention.
Skin Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	Open cup: >100°C (212°F) Closed cup: >100°C (212°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Special Remarks on Fire and Explosion Hazards	None known.

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	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

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

Section 8. Exposure Controls/Personal Protection

Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
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Personal Protection

Eyes Safety glasses recommended.

Hands No special requirements under normal use conditions.

Respiratory No special requirements under normal use conditions.

Feet No special requirements under normal use conditions.

Body If major exposure is possible, wear suitable protective clothing.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Color	Blue.
pH	6.5 [Acidic.]
Specific Gravity	1.06
Boiling/Condensation Point	>100°C (212°F)
VOC	1 %
Solubility in water	Not available.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	None known.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Estimated to be between 2500 and 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	No special precautions. Dispose of according to all federal, state and local applicable regulations.
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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.
DOT Class	Not available.
TDG Classification	
TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	Not available.

Section 15. Regulatory Information

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

US Regulations

Federal SARA 302/304/311/312 hazardous chemicals: Ethyl Alcohol
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Ethyl Alcohol
CERCLA: Hazardous substances.: Ethyl Alcohol

State New Jersey: Ethyl Alcohol
Massachusetts spill list: Ethyl Alcohol
Massachusetts RTK: Ethyl Alcohol
Pennsylvania RTK: Ethyl Alcohol

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

Registered Product Information Not applicable.

Canadian Regulations

WHMIS Classification Class D-2B: Material causing other toxic effects (TOXIC).

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 Not available.

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