

# AUTO-CHLOR LEMON SUDS ULTRA

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	2
	Health		Fire Hazard	0	
	Reactivity		Reactivity	0	
Protective Clothing	Emergency Overview	Yellow. Liquid. See Section 9. CAUTION: May be mildly irritating to skin. May cause eye irritation.			

## Section 1. Chemical Product and Company Identification

Product Name	<b>AUTO-CHLOR LEMON SUDS ULTRA</b>	Code	3177653
Product Use	Industrial/Institutional	PMS#	Not available.
MSDS#	F-00516001	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.
Glycols, polyethylene, dodecyl ether, monsulphonate ammonium salt	32612-48-9	1-5	Not available.	ORAL (LD50): Acute: 630 mg/kg [Rat].
Alkanolamide	68603-42-9	1-5	Not available.	Not available.
Sodium Xylene Sulfonate	1300-72-7	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]. Not available.
Alkyl Poly Glycoside	110615-47-9	1-5	Not available.	ORAL (LD50): Acute: 7060 mg/kg [Rat]. 6300 mg/kg [Rabbit]. 3450 mg/kg [Mouse]. VAPOR (LC50): Acute: 20000 ppm 10 hour(s) [Rat].
Ethyl Alcohol	64-17-5	0.1-1	<b>OSHA (United States).</b> TWA: 1900 mg/m <sup>3</sup> <b>ACGIH (United States).</b> TWA: 1880 mg/m <sup>3</sup> <b>ACGIH TLV (United States, 2003). Notes:</b> 1996 Adoption Refers to Appendix A -- Carcinogens. TWA: 1880 mg/m <sup>3</sup> 8 hour(s). TWA: 1000 ppm 8 hour(s). <b>OSHA PEL (United States, 1993). Notes:</b> TWA: 1900 mg/m <sup>3</sup> 8 hour(s). TWA: 1000 ppm 8 hour(s)	
Dodecylbenzene sulfonic acid, magnesium salt	27479-45-4	10-30	Not available.	Not available.
Sodium methyl ester and fatty acids	149456-07-1	5-10	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 mildly irritating to skin.

*Inhalation* None known.

*Ingestion* None known.

**Medical Conditions** None known.

**Aggravated by Overexposure:**

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. Get medical attention if irritation occurs.

**Inhalation** No specific first aid measures are required.

**Ingestion** No specific first aid measures are required.

**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.

**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* No special protective clothing is required.

**Section 9. Physical and Chemical Properties**

Physical State and Appearance	Liquid.
Odor	Lemon like.
Color	Yellow.
pH	6.5 [Acidic.]
Specific Gravity	1.06
Boiling/Condensation Point	>100°C (212°F)
VOC	0.68 %
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**

<b>DOT Classification</b>	
DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
DOT Class	Not available.
<b>TDG Classification</b>	
TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	Not available.
Packing Group	-Not applicable.

**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.

**Version** 0.01

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