

# MATERIAL SAFETY DATA SHEET



**Date-Issued:** 07/06/2000  
**MSDS Ref. No:** 151CL  
**Date-Revised:** 02/22/2001  
**Revision No:** 1

## Red Hot® Concentrate Liquid

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Red Hot® Concentrate Liquid  
**PRODUCT DESCRIPTION:** Cleaner Concentrate Liquid  
**PRODUCT CODE:** 51-C-L  
**PRODUCT FORMULATION NAME:** Red Hot® Concentrate Liquid

#### MANUFACTURER

Auto Wax Company, Inc.  
Auto Magic®  
1275 Round Table Drive  
Dallas, TX 75247  
**Product Stewardship:** 1-214-631-4000  
**Transportation:** 1-800-826-0828  
Auto Wax Company, Inc.  
Auto Magic®

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (U.S.):** (800) 424-9300  
**CANUTEC:** (613) 996-6666  
**Emergency Phone:** 1-800-826-0828

**COMMENTS:** To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200.

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
2-Butoxyethanol	25 - 35	111-76-2	
Ethanolamine (Monoethanolamine)	3 - 5	141-43-5	

**COMMENTS:** Product composition ranges shown are typical values for health, safety and environmental use and are not intended as specification.

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** CAUTION! May cause eye and skin irritation.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Severely irritating to the eyes.

**SKIN:** Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**INGESTION:** Harmful if swallowed.

**INHALATION:** May causes nasal and respiratory tract irritation.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Eye contact may cause redness, tearing and a burning sensation.

**SKIN:** Repeated or prolonged skin contact may cause redness and irritation.

**INGESTION:** Ingestion may cause nausea and irritation.

**ACUTE TOXICITY:** May cause headaches and dizziness.

**MEDICAL CONDITIONS AGGRAVATED:** dermatitis may be aggravated by excessive exposure to skin.

**ROUTES OF ENTRY:** include skin contact, skin absorption, eye contact , inhalation and ingestion

**TARGET ORGAN STATEMENT:** not available

**CANCER STATEMENT:** not available

**SENSITIZATION:** not available

**HEALTH HAZARDS:** Moderately irritating to the eyes.

**PHYSICAL HAZARDS:** combustible liquid

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### 4. FIRST AID MEASURES

**EYES:** Flush eye with water for 15 minutes. Seek medical attention if irritation persists.

**SKIN:** Remove contaminated clothing. Wash with soap and water.

**INGESTION:** Do not induce vomiting. Seek medical attention immediately.

**INHALATION:** Move to fresh air

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## 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** ~ 62°C TCC

**FLAMMABLE LIMITS:** Not Available

**AUTOIGNITION TEMPERATURE:** Not Available

**FLAMMABLE CLASS:** Combustible Liquid. Can form explosive mixtures at temperatures at or above the flash point.

**GENERAL HAZARD:** Combustible liquid. Keep away from heat and open flame.

**EXTINGUISHING MEDIA:** use water, foam, dry chemical or carbon dioxide extinguisher

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide and Carbon Dioxide

**EXPLOSION HAZARDS:** not available

**AUTOIGNITION TEMPERATURE:** not available

**FLAMMABLE LIMIT:** not available

**SENSITIVE TO STATIC DISCHARGE:** none

**SENSITIVITY TO IMPACT:** none

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## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Contain and collect with absorbent

**LARGE SPILL:** LARGE SPILLS: Shut off leak if safe to do so. Contain material to avoid run off and collect spill with absorbent.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

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## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Keep out of reach of Children.

**STORAGE:** Keep away from open flames and excessive heat.

**STORAGE TEMPERATURE:** (32°F) minimum to (100°F) maximum

**SHELF LIFE:** one year

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		<u>EXPOSURE LIMITS</u>					
		<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
		<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>
2-Butoxyethanol	<b>TWA</b>	50	240	25 <sup>[1]</sup>	121		
Ethanolamine (Monoethanolamine)	<b>TWA</b>	3	6	3	7.5		
	<b>STEL</b>		12	6	15		

#### OSHA TABLE COMMENTS:

1. skin

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control airborne levels.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields or goggles.

**SKIN:** Use Nitrile/ Vinyl gloves

**RESPIRATORY:** NIOSH respirator -(organic vapor) in absence of proper environmental control.

**PROTECTIVE CLOTHING:** Clean, body-covering clothing

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** glycol ether odor

**APPEARANCE:** Clear amber liquid

**pH:** ~9 to 11

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**BOILING POINT:** Not Available

**FREEZING POINT:** Not Available

**SOLUBILITY IN WATER:** 100 %

**SPECIFIC GRAVITY:** ~1.0

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## 10. STABILITY AND REACTIVITY

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** Oxidizing materials.

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## 11. TOXICOLOGICAL INFORMATION

**SENSITIZATION:** not available

**TARGET ORGANS:** not available

**SUBCHRONIC:**

not available

**CARCINOGENICITY:**

**IARC:** Listed by IARC- NO

**NTP:** Listed by NTP- NO

**OSHA:** Listed by OSHA- NO

**MUTAGENICITY:** not available

**REPRODUCTIVE EFFECTS:** not available

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** not available

**ECOTOXICOLOGICAL INFORMATION:** not available

**GENERAL COMMENTS:** All ingredients are considered biodegradable.

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### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in accordance with local, state, and federal laws.

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### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** NOT REGULATED

**OTHER SHIPPING INFORMATION:** Not dangerous material according to CFR49 regulations

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### 15. REGULATORY INFORMATION

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### 16. OTHER INFORMATION

**PREPARED BY:** Tony Casmus

**REVISION SUMMARY** Revision #: 1

This MSDS replaces the February 16, 2001 MSDS. Any changes in information are as follows:

#### HMIS RATING

#### NFPA CODES

<b>HEALTH:</b>	-	2
<b>FLAMMABILITY:</b>		2
<b>PHYSICAL HAZARD:</b>		0
<b>PERSONAL PROTECTION:</b>		

0

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