

MATERIAL SAFETY DATA SHEET



An **ITW** Company

Date Issued: 07/06/2000
 MSDS No: 151CL
 Date-Revised: 02/13/2009
 Revision No: 4

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 - An ITW Company
 Auto Magic®
 1275 Round Table Drive
 Dallas, TX 75247
Product Stewardship: 1-800-826-0828
Transportation: 1-800-826-0828
Service Number: 1-214-631-4000
 Auto Wax - An ITW Company
 Auto Magic®

24 HR. EMERGENCY TELEPHONE NUMBERS

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. 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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
2-Butoxyethanol	25 - 35	111-76-2
Ethanolamine (Monoethanolamine)	3 - 5	141-43-5

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

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: ~ 62°C TCC

FLAMMABLE LIMITS: Not Available

Notes: 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

SENSITIVE TO STATIC DISCHARGE: none

SENSITIVITY TO IMPACT: none

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. Proper disposal of absorbent is required after use.

ENVIRONMENTAL PRECAUTIONS

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

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
Chemical Name		EXPOSURE LIMITS			
		OSHA PEL	ACGIH TLV	ppm	mg/m ³
2-Butoxyethanol	TWA	50 ppm [1]	240 mg/m3 [1]	25 ppm [1]	121 mg/m3 [1]
Ethanolamine (Monoethanolamine)	TWA	3 ppm	6 mg/m3	3 ppm	7.5 mg/m3
	STEL		12 mg/m3	6 ppm	15 mg/m3

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)	Boiling Point (°C)	Specific Gravity
2-Butoxyethanol	141	171	0.9

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

FLASHPOINT AND METHOD: ~ 62°C TCC

SOLUBILITY IN WATER: 100 %

SPECIFIC GRAVITY: ~ 1.000

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Oxidizing materials.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
2-Butoxyethanol	~ 0.47 g/Kg-rat	~ 0.22 g/kg - rabbit	> 700 ppm/ 4H- rat

CHRONIC: not available

CARCINOGENICITY

IARC: Listed by IARC- NO

NTP: Listed by NTP- NO

OSHA: Listed by OSHA- NO

SENSITIZATION: not available

REPRODUCTIVE EFFECTS: not available

TARGET ORGANS: not available

MUTAGENICITY: not available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: not available

ECOTOXICOLOGICAL INFORMATION: not available

GENERAL COMMENTS: All ingredients are considered biodegradable.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15. REGULATORY INFORMATION

UNITED STATES**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

TSCA REGULATORY: All Ingredients are on the TSCA Inventory or are not required to be listed on the TSCA Inventory

CANADA**WHMIS HAZARD SYMBOL AND CLASSIFICATION**

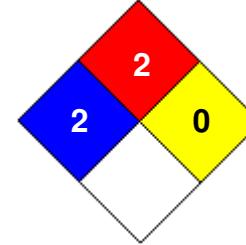
Flammable Liquid



Toxic

16. OTHER INFORMATION**PREPARED BY:** Tony Casmus**REVISION SUMMARY:** Revision #: 4. This MSDS replaces the March 05, 2007 MSDS. Any changes in information are as follows: In Section 5: Explosion Hazards**HMIS RATING**

HEALTH:	1	2
FLAMMABILITY:	2	
PHYSICAL HAZARD:	0	
PERSONAL PROTECTION:		

NFPA CODES

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