

MATERIAL SAFETY DATA SHEET

According to 29 CFR 1910.1200(g)



Date Issued: 10/27/2004

MSDS No: 10043V

Date-Revised: 08/16/2011

Revision No: 3

Clear Difference®

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clear Difference®
PRODUCT DESCRIPTION: Glass Cleaner
PRODUCT CODE: 43
PRODUCT FORMULATION NAME: Clear Difference®
GENERIC NAME: Glass Cleaner

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

POTENTIAL HEALTH EFFECTS

EYES: Moderately irritating to the eyes.

SKIN: May cause slight irritation.

INGESTION: Irritating to mouth, throat and stomach.

INHALATION: Prolonged or excessive inhalation may cause 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.

INHALATION: Prolonged inhalation of vapors may cause irritation to nasal and respiratory tract.

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 established

CANCER STATEMENT: not established

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS	Classification
2-Butoxyethanol	2 - 4	111-76-2	203-905-0	Xn/Xi; R20/21/22- 36/38

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: If swallowed, induce vomiting . Get medical attention immediately.

INHALATION: Move to fresh air

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 65°C (150°F) TCC

FLAMMABLE LIMITS: Not Available

Notes: not established

AUTOIGNITION TEMPERATURE: not established

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

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide and Carbon Dioxide

EXPLOSION HAZARDS: not established

SENSITIVE TO STATIC DISCHARGE: none expected

SENSITIVITY TO IMPACT: none expected

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 TEMPERATURE: 0°C (32°F) Minimum to 40°C (104°F) Maximum

SHELF LIFE: one year

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

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

ODOR: Alcohol odor

APPEARANCE: Clear Green Liquid

pH: ~ 9.5 to 10.5

PERCENT VOLATILE: 100

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: ~ 100°C

FREEZING POINT: ~ 0°C

FLASHPOINT AND METHOD: 65°C (150°F) TCC

SOLUBILITY IN WATER: 100 %

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: ~ 0.990 gm/ml

(VOC): < 4.000 % by weight

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

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

CARCINOGENICITY

IARC: Listed by IARC- NO

NTP: Listed by NTP- NO

OSHA: Listed by OSHA- NO

SENSITIZATION: not established

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: not available

ECOTOXICOLOGICAL INFORMATION: not available

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

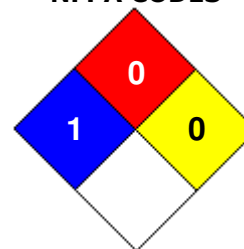
WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic

16. OTHER INFORMATION**PREPARED BY:** Mark Dean**REVISION SUMMARY:** Revision #: 3. This MSDS replaces the August 16, 2011 MSDS.**HMIS RATING**

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

NFPA CODES

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