

MATERIAL SAFETY DATA SHEET

According to 29 CFR 1910.1200(g)



Date Issued: 11/17/2009

MSDS No: 60-S

Date-Revised: 08/16/2011

Revision No: 2

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: Automotive reconditioning product

PRODUCT DESCRIPTION: Aerosol Glass Cleaner

PRODUCT FORMULATION NAME: Glass Cleaner

GENERIC NAME: Aerosol 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: Flammable liquid and vapor. CAUTION! May cause eye irritation.

POTENTIAL HEALTH EFFECTS

EYES: Moderately irritating to the eyes.

SKIN: May cause slight irritation.

INGESTION: Harmful if swallowed.

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.

ACUTE TOXICITY: overexposure to vapors may cause headaches, dizziness, confusion and nausea,

CHRONIC EFFECTS: not available

CARCINOGENICITY: not available

REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: not available

MEDICAL CONDITIONS AGGRAVATED: Preexisting skin, eye, and respiratory disorders may be aggravated by exposure to this product.

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

TARGET ORGAN STATEMENT: not available

CANCER STATEMENT: not available

PHYSICAL HAZARDS: Contents under pressure. Flammable liquid.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS	Classification
Propane/Butane Blend	1 - 5	68476 -85-7	270-704-2	
2-Butoxyethanol	1 - 10	111-76-2	203-905-0	Xn/Xi; R20/21/22- 36/38
Ethanol	4 - 20	64-17-5		

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

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: not available

FLAMMABLE LIMITS: 1.8% (Propellant) to 9.2% (Propellant)

AUTOIGNITION TEMPERATURE: not available

FLAMMABLE CLASS: This product is considered to be non flammable as described in 16 CFR 1500.45.

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

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide and Carbon Dioxide

FIRE FIGHTING PROCEDURES: Water may be ineffective, but may be used to cool containers exposed to heat.

SENSITIVE TO STATIC DISCHARGE: none expected

SENSITIVITY TO IMPACT: none expected

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Remove all ignition sources. Contain and collect with absorbent

LARGE SPILL: Remove all ignition sources. 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.

HANDLING: Do not puncture or incinerate.

STORAGE: Do not expose to heat or store at temperatures above 120 F.

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
Propane/Butane Blend	TWA	1000 ppm		1000 ppm	
2-Butoxyethanol	TWA	50 ppm [1]	240 mg/m ³ [1]	25 ppm [1]	121 mg/m ³ [1]
	STEL	[1]	[1]	[1]	[1]
Ethanol	TWA	1000 ppm	1900 mg/m ³	1000 ppm	1880 mg/m ³
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: Alcohol odor

APPEARANCE: Clear Liquid

VAPOR PRESSURE: ~ 140 psig at (130°F)

VAPOR DENSITY: > 1

FLASHPOINT AND METHOD: not available

EVAPORATION RATE: > 1 n-butyl acetate = 1

SPECIFIC GRAVITY: Not Available

(VOC): < 12.000 % by weight

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Avoid high temperatures.

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

NEUROTOXICITY: not available

REPRODUCTIVE EFFECTS: not available

TARGET ORGANS: not available

TERATOGENIC EFFECTS: not available

MUTAGENICITY: not available

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.

EMPTY CONTAINER: Do not incinerate.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE, (not exceeding 1 L capacity)

PRIMARY HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

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



Compressed Gas



Toxic



Flammable Aerosol

16. OTHER INFORMATION

PREPARED BY: Tony Casmus

REVISION SUMMARY: Revision #: 2. This MSDS replaces the August 16, 2011 MSDS.

HMIS RATING

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

NFPA CODES

