

**MATERIAL SAFETY DATA SHEET**

According to 29 CFR 1910.1200(g)



Date Issued: 07/07/2000  
 MSDS No: 10066  
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 Revision No: 8

**Spoke® Wheel Cleaner****1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Spoke® Wheel Cleaner  
**PRODUCT DESCRIPTION:** Chrome Wheel Cleaner  
**PRODUCT CODE:** 66  
**PRODUCT FORMULATION NAME:** Spoke® Wheel Cleaner  
**GENERIC NAME:** Acid Wheel 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

**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! Causes Eye And Skin Irritation. Harmful or fatal if swallowed**POTENTIAL HEALTH EFFECTS****EYES:** Substance causes severe eye irritation. Injury may be permanent.**SKIN:** Causes severe skin irritation.**SKIN ABSORPTION:** Harmful if absorbed through skin.**INGESTION:** This material may be harmful or fatal if swallowed.**INHALATION:** Can cause severe respiratory irritation.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****EYES:** Eye contact may cause burns, irritation, tearing and corneal damage.**SKIN:** Skin contact may cause severe burns.**INGESTION:** May be harmful or fatal if swallowed. May cause chemical burns to mouth, throat, and gastrointestinal tract.**INHALATION:** Prolonged inhalation of vapors may cause burns to nasal passages, respiratory tract and lungs.**ACUTE TOXICITY:** Extremely irritating to the skin and mucous membranes. Inhalation of the vapors may cause ulcers of the upper respiratory track. Produces severe skin burns which may not be immediately visible or painful.**CHRONIC EFFECTS:** not available**CARCINOGENICITY:** not available**REPRODUCTIVE TOXICITY****REPRODUCTIVE EFFECTS:** not available**MEDICAL CONDITIONS AGGRAVATED:** not available**ROUTES OF ENTRY:** include skin contact, eye contact and ingestion**TARGET ORGAN STATEMENT:** not available**CANCER STATEMENT:** not available

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt. %	CAS	EINECS	Classification
Hydrofluoric Acid	5	7664 -39-3		
2-Butoxyethanol	1 - 5	111-76-2	203-905-0	Xn/Xi; R20/21/22- 36/38

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention immediately.

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

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

**ADDITIONAL INFORMATION:** May cause severe burns which may not be immediately painful or visible. In all cases seek medical attention immediately.

**5. FIRE FIGHTING MEASURES**

**FLASHPOINT AND METHOD:** none

**FLAMMABLE LIMITS:** not available

**Notes:** not available

**AUTOIGNITION TEMPERATURE:** not available

**FLAMMABLE CLASS:** Material will not burn.

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

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

**EXPLOSION HAZARDS:** none expected

**SENSITIVE TO STATIC DISCHARGE:** none

**SENSITIVITY TO IMPACT:** none

**HAZARDOUS DECOMPOSITION PRODUCTS:** not available

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Neutralize spill. Contain and collect with absorbent.

**LARGE SPILL:** LARGE SPILLS: Shut off leak if safe to do so. Contain material to avoid run off, neutralize material 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.

**GENERAL PROCEDURES:** Do not get in eyes, on skin or clothing.

**7. HANDLING AND STORAGE**

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

**HANDLING:** none

**STORAGE:** Do not allow to freeze

**STORAGE TEMPERATURE:** 0°C (32°F) Minimum to 60°C (140°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 <sup>3</sup>	ppm	mg/m <sup>3</sup>
Hydrofluoric Acid	TWA	3 ppm		3 ppm	
	STEL			6 ppm	
2-Butoxyethanol	TWA	50 ppm [1]	240 mg/m <sup>3</sup> [1]	25 ppm [1]	121 mg/m <sup>3</sup> [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/ rubber

**RESPIRATORY:** NIOSH respirator - in absence of proper environmental controls.

**PROTECTIVE CLOTHING:** Clean, body-covering clothing and chemical resistant apron

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility.

**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

**pH:** < 2

**PERCENT VOLATILE:** Not Available

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**BOILING POINT:** Not Available

**FREEZING POINT:** Not Available

**FLASHPOINT AND METHOD:** none

**SOLUBILITY IN WATER:** 100 %

**EVAPORATION RATE:** Not Available

**SPECIFIC GRAVITY:** ~ 1.040 gm/ml d25/4

**VISCOSITY:** Not Available

**10. STABILITY AND REACTIVITY**

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**11. TOXICOLOGICAL INFORMATION**

**ACUTE**

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Hydrofluoric Acid			~ 1276 ppm/Hr-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**REPRODUCTIVE 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.**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**

Corrosive



Poison

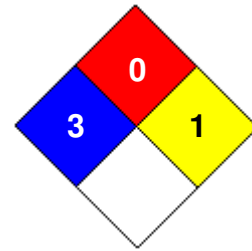


Toxic

**16. OTHER INFORMATION****PREPARED BY:** Tony Casmus**REVISION SUMMARY:** Revision #: 8. This MSDS replaces the March 01, 2010 MSDS.

**HMIS RATING**

<b>HEALTH:</b>	-	<b>3</b>
<b>FLAMMABILITY:</b>		<b>0</b>
<b>PHYSICAL HAZARD:</b>		<b>1</b>
<b>PERSONAL PROTECTION:</b>		

**NFPA CODES**

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