



NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td>2*</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health Hazard	2*	Fire Hazard	0	Reactivity	0		
Health Hazard	2*								
Fire Hazard	0								
Reactivity	0								

Issuing Date 10-Apr-2007

Revision Date

Revision Number 0

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name** Mothers Wheel Mist All Wheel Cleaner

**Product Code(s)** 05924, 05902

**Supplier Address**  
MOTHERS POLISHES WAXES  
CLEANERS  
5456 Industrial Drive  
Huntington Beach, CA 92649  
TEL: 714-891-3364  
FAX: 714-893-1827

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

May cause sensitization by skin contact  
May cause drowsiness and dizziness.  
May be harmful if swallowed.  
**MAY BE HARMFUL IF ABSORBED THROUGH SKIN**

**Appearance** Clear

**Physical State** Liquid.

**Odor** musty

**Potential Health Effects**

**Principle Routes of Exposure** Inhalation, Skin contact, Eye contact.

**Acute Toxicity**  
Eyes

Severely irritating to eyes.

<b>Skin</b>	May be harmful in contact with skin. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
<b>Inhalation</b>	Avoid breathing vapors or mists. May cause drowsiness and dizziness.
<b>Ingestion</b>	Harmful if swallowed. May be harmful if swallowed. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Chronic Effects</b>	No known effect based on information supplied
<b>Aggravated Medical Conditions</b>	Central nervous system. Preexisting eye disorders. Blood disorders. Kidney disorders. Liver disorders. Skin disorders.
<b>Environmental Hazard</b>	See Section 12 for additional Ecological information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
2-Butoxyethanol	111-76-2	1-5
Oxalic acid	144-62-7	5-10
Benzene, tetrapropylene-	25265-78-5	1-5
Dodecylbenzenesulfonic acid	27176-87-0	0.1-1
Propylene Glycol	57-55-6	1-5
Benzenesulfonic acid, C10-16-alkyl derivatives	68584-22-5	1-5

### 4. FIRST AID MEASURES

<b>General Advice</b>	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Consult a physician if necessary.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Call a physician immediately. Do not induce vomiting.
<b>Notes to Physician</b>	Treat symptomatically
<b>Protection of First-aiders</b>	Use personal protective equipment.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable
<b>Flash Point</b>	No data available
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<b>Explosion Data</b>	
<b>Sensitivity to mechanical impact</b>	None

**Sensitivity to static discharge**          None

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

<b>NFPA</b>	<b>Health Hazard 2</b>	<b>Flammability 0</b>	<b>Stability 0</b>	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	<b>Health Hazard 2*</b>	<b>Flammability 0</b>	<b>Stability 0</b>	<b>Personal Precautions -</b>

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Ensure adequate ventilation
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so
<b>Methods for Cleaning Up</b>	Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product.
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol	TWA: 20 ppm	TWA: 25 ppm TWA: 120 mg/m <sup>3</sup> Skin TWA: 240 mg/m <sup>3</sup> TWA: 50 ppm	700 ppm
Oxalic acid	TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	500 mg/m <sup>3</sup>

*NIOSH IDLH: Immediately Dangerous to Life or Health*

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
-----------------------------	--

<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Tightly fitting safety goggles.
<b>Skin and Body protection</b>	Wear protective gloves/clothing.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear	<b>Odor</b>	musty
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Liquid
<b>pH</b>	< 1		
<b>Flash Point</b>	No data available	<b>Autoignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	No data available	<b>Boiling Point/Range</b>	No data available
<b>Melting Point/Range</b>	No data available		
<b>Flammability Limits in Air</b>	No data available	<b>Explosion Limits</b>	No data available
<b>Specific Gravity</b>	1.051	<b>Solubility</b>	No data available
<b>Evaporation Rate</b>	No data available	<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available	<b>VOC Content</b>	<2%
<b>Partition Coefficient (n-octanol/water)</b>	No data available		

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions
<b>Conditions to Avoid</b>	None known based on information supplied
<b>Incompatible Products</b>	None known based on information supplied
<b>Hazardous Decomposition Products</b>	None under normal use.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity****Product Information**

. This product was determined to be non-irritating to the skin based on an OECD 404, Acute Dermal Irritation/Corrosion test that was conducted under GLP guidelines. .

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-Butoxyethanol	470 mg/kg ( Rat )	220 mg/kg ( Rabbit ) 2270 mg/kg ( Rat )	2.21 mg/L ( Rat ) 4 h
Oxalic acid	7500 mg/kg ( Rat )		
Benzene, tetrapropylene-		2000 mg/kg ( Rat )	

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Dodecylbenzenesulfonic acid	500 mg/kg ( Rat )		
Propylene Glycol	20000 mg/kg ( Rat )	20800 mg/kg ( Rabbit )	
Benzenesulfonic acid, C10-16-alkyl derivatives	530 mg/kg ( Rat )	530 mg/kg ( Rat )	

**Subchronic Toxicity (28 days)****Chronic Toxicity****Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol	A3			

**Mutagenicity****Mutagenicity**

There are no known mutagenic chemicals in this product.

**Reproductive Toxicity**

2-Butoxyethanol can cause reproductive effects and birth defects in animals. Some female rats and rabbits that breathed in large amounts of 2-butoxyethanol while they were pregnant delivered fewer offspring than pregnant rats or rabbits that were not exposed. .

**Target Organ Effects**

Blood, Central nervous system (CNS), Eyes, Hematopoietic System, Kidney, Liver, Respiratory system, Skin.

**Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Ecotoxicity effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
2-Butoxyethanol				LC50 1698 - 1940 mg/L 24 h EC50 = 1720 mg/L 24 h
Oxalic acid				EC50 = 136.9 mg/L 48 h
Dodecylbenzenesulfonic acid	EC50 = 29 mg/L 96 h		EC50 = 12.7 mg/L 15 min	EC50 = 5.88 mg/L 48 h
Propylene Glycol	EC50 = 19000 mg/L 96 h		EC50 = 710 mg/L 30 min	EC50 > 10000 mg/L 48 h
Benzenesulfonic acid, C10-16-alkyl derivatives			EC50 = 5 mg/L 6 h	EC50 = 2.9 mg/L 48 h

Chemical Name	Log Pow
2-Butoxyethanol	0.81
Oxalic acid	-0.81
Benzenesulfonic acid, C10-16-alkyl derivatives	2

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of in accordance with local regulations

This product contains one or more substances that are listed with the State of California as a hazardous waste

Chemical Name	California Hazardous Waste Status
Oxalic acid	Toxic

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR</b>	Not regulated
<b>ADN</b>	Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Does not Comply
<b>CHINA</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Does not Comply

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values
2-Butoxyethanol	111-76-2	1-5	1.0

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Dodecylbenzenesulfonic acid	1000 lb			X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Dodecylbenzenesulfonic acid	1000 lb	

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Propylene Glycol			X		X
2-Butoxyethanol	X	X	X	X	X
Oxalic acid	X	X	X		X
Dodecylbenzenesulfonic acid	X	X	X		

**International Regulations**

Chemical Name	Carcinogen Status	Exposure Limits
2-Butoxyethanol		Mexico: TWA= 120 mg/m <sup>3</sup> Mexico: TWA= 26 ppm Mexico: STEL= 360 mg/m <sup>3</sup> Mexico: STEL= 75 ppm
Oxalic acid		Mexico: TWA= 1 mg/m <sup>3</sup> Mexico: STEL= 2 mg/m <sup>3</sup>

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

D2B Toxic materials



Chemical Name	NPRI
2-Butoxyethanol	X

**Legend**

NPRI - National Pollutant Release Inventory

**16. OTHER INFORMATION****Issuing Date** 10-Apr-2007**Revision Date****Revision Note** No information available**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**