

Issuing Date 10-Dec-2010

Revision Date

Revision Number 0

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name** Mothers Aluminum Wheel Cleaner  
**Product Code(s)** 06024  
**Recommended Use** Wheels

**Supplier Address**

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

**Emergency Telephone Number** Chemtrec 1-800-424-9300

**2. HAZARDS IDENTIFICATION**

**WARNING!**

**Emergency Overview**

Severely irritating to eyes, skin, and respiratory system.  
Harmful in contact with skin  
Harmful if swallowed  
Harmful if inhaled

**Appearance** Clear

**Physical State** Liquid.

**Odor** Perfume

**Potential Health Effects**

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

**Acute Toxicity**

**Eyes**

Severely irritating to eyes.

**Skin**

Harmful in contact with skin. Severe skin irritant.

**Inhalation**

Harmful by inhalation. Severe respiratory irritant.

**Ingestion**

Harmful if swallowed. Severe irritation of the mucous membranes causes vomiting, nausea and burns.

**Chronic Effects**

No known effect based on information supplied.

**Aggravated Medical Conditions**

Pre-existing eye disorders. Skin disorders. Gastrointestinal tract.

**Interactions with Other Chemicals**

None known

**Environmental Hazard**

See Section 12 for additional Ecological Information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Oxalic acid	144-62-7	5-10
2-Butoxyethanol	111-76-2	1-5
Nonidet - 40	9036-19-5	0.1-1

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.
<b>Inhalation</b>	Move victim to fresh air. Administer oxygen if breathing is difficult. Apply artificial respiration if victim is not breathing. If symptoms persist, call a physician.
<b>Ingestion</b>	If swallowed, get medical help or contact a Poison Control Center right away. Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person.
<b>Notes to Physician</b>	Keep victim warm and quiet. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
<b>Protection of First-aiders</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Combustible material: may burn but does not ignite readily. Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated.			
<b>Flash Point</b>	Not determined.			
<b>Suitable Extinguishing Media</b>	Dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray. Move containers from fire area if you can do it without risk. Dike fire control water for later disposal; do not scatter the material.			
<b>Explosion Data</b>				
<b>Sensitivity to Mechanical Impact</b>	None			
<b>Sensitivity to Static Discharge</b>	None			
<b>Specific Hazards Arising from the Chemical</b>	When heated, vapors may form explosive mixtures with air: indoors, outdoors, and sewers explosion hazards. Runoff may pollute waterways.			
<b>Protective Equipment and Precautions for Firefighters</b>	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 3</b>	<b>Flammability 0</b>	<b>Instability 1</b>	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	<b>Health Hazard 3</b>	<b>Flammability 0</b>	<b>Physical Hazard 1</b>	<b>Personal Protection C</b>

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Stop leak if you can do it without risk.
<b>Environmental Precautions</b>	Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for Containment</b>	Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
<b>Methods for Cleaning Up</b>	Cover liquid spill with sand, earth or other noncombustible absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Wear personal protective equipment. Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.
<b>Storage</b>	Keep container tightly closed. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S*	IDLH: 700 ppm TWA: 24 mg/m <sup>3</sup> TWA: 5 ppm
Oxalic acid 144-62-7	STEL: 2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> (vacated) TWA: 1 mg/m <sup>3</sup> (vacated) STEL: 2 mg/m <sup>3</sup>	IDLH: 500 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.*

<b>Other Exposure Guidelines</b>	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
<b>Engineering Measures</b>	Showers. Eyewash stations.
<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>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear.	<b>Odor</b>	Perfume.
<b>Odor Threshold</b>	No information available.	<b>Physical State</b>	Liquid
<b>pH</b>	< 1.0		
<b>Flash Point</b>	No information available.	<b>Autoignition Temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.	<b>Boiling Point/Range</b>	No information available.
<b>Melting Point/Range</b>	No information available.		
<b>Flammability Limits in Air</b>	No information available.	<b>Explosion Limits</b>	No information available.
<b>Solubility</b>	No information available.	<b>Evaporation Rate</b>	No information available.
<b>Vapor Pressure</b>	No data available.	<b>Vapor Density</b>	No data available.
<b>VOC Content (%)</b>	<2	<b>Viscosity</b>	125 cps

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions.
<b>Incompatible Products</b>	Strong oxidizing agents. Bases.
<b>Conditions to Avoid</b>	Heating can release hazardous gases.
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Product Information

<b>Inhalation</b>	Vapors may irritate throat and respiratory system.
<b>Eye Contact</b>	Severely irritating to eyes
<b>Skin Contact</b>	Harmful in contact with skin. Irritating to skin.
<b>Ingestion</b>	Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Chronic Toxicity

<b>Target Organ Effects</b>	Eyes. Skin. Gastrointestinal tract (GI).
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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Oxalic acid		LC50: 4000 mg/L Lepomis macrochirus 24 h static		EC50: 125 - 150 mg/L Daphnia magna 48 h Static
2-Butoxyethanol		LC50: 1490 mg/L Lepomis macrochirus 96 h static LC50: 2950 mg/L Lepomis macrochirus 96 h		EC50: 1698 - 1940 mg/L Daphnia magna 24 h EC50: >1000 mg/L Daphnia magna 48 h

### Mobility

Will likely be mobile in the environment due to its water solubility.

Chemical Name	Log Pow
Oxalic acid	-0.81
2-Butoxyethanol	0.81

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal Methods

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

### Contaminated Packaging

Do not re-use empty containers.

### US EPA Waste Number

D002

### California Hazardous Waste Codes

791

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

Chemical Name	California Hazardous Waste
Oxalic acid	Toxic

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

## 15. REGULATORY INFORMATION

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### International Inventories

TSCA Complies  
DSL Complies

### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### U.S. Federal Regulations

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	1.0

### SARA 311/312 Hazard Categories

Acute Health Hazard Yes  
Chronic Health Hazard No  
Fire Hazard No  
Sudden Release of Pressure Hazard No  
Reactive Hazard 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
Dodecylbenzene sulfonic 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	RQ
Dodecylbenzene sulfonic acid	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

### 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	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
2-Butoxyethanol	X	X	X	X	X
Dodecylbenzene sulfonic acid	X	X			
Oxalic acid	X	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= 75 ppm Mexico: STEL= 360 mg/m <sup>3</sup>
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

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Issuing Date** 10-Dec-2010

**Revision Date**

**Revision Note** Initial Release.

**General 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 Safety Data Sheet**