

Issue Date 08-Aug-2011

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Version 1.4

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Maxim Liquid Laundry Detergent

### Other Means of Identification

**Product Code** 412800

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Laundry detergent concentrate. For industrial and institutional use.

### Details of the Supplier of the Safety Data Sheet

Midlab, Inc.  
140 Private Brand Way  
Athens, TN 37303

### Emergency Telephone Number

**Company Phone Number** Phone: 1-423-337-3180  
**Emergency Telephone (24 hr)** INFOTRAC 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Blue

**Physical State** Liquid

**Odor** Fresh

### Classification

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1

### Signal Word

Danger



### Hazard Statements

Causes skin irritation  
Causes serious eye damage.

### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.  
Wear protective gloves.  
Wear eye protection/face protection.

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.  
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.

### Precautionary Statements - Storage

No other specific measures identified.

### Precautionary Statements - Disposal

No other specific measures identified.

### Other Hazards

None known.

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Benzenesulfonic Acid, C10-16-Alkyl Derivs.,	68081-81-2	10-30
Alcohols, C9-11, Ethoxylated	68439-46-3	10-30
Benzyl Alcohol	100-51-6	1-5

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

### 4. FIRST-AID MEASURES

#### First Aid Measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical advice/attention.
<b>Skin Contact</b>	Wash off immediately with plenty of soap and water. If irritation develops and persists, seek medical advice/attention.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. If any discomfort persists, obtain medical attention.

#### Most Important Symptoms and Effects

**Symptoms** Prolonged or repeated exposure can remove natural skin oils and may produce irritation.

#### Indication of any Immediate Medical Attention and Special Treatment Needed

**Notes to Physician** Treat symptomatically. May aggravate pre-existing skin disorders.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Water. Foam.

#### Unsuitable Extinguishing Media

Not determined.

#### Specific Hazards Arising from the Chemical

None known.

#### Hazardous Combustion Products

On combustion, oxides of carbon are released.

#### 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.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

<b>Personal Precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
<b>Environmental Precautions</b>	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information. See Section 12 for additional Ecological Information.

**Methods and Material for Containment and Cleaning Up**

- Methods for Containment** Prevent from spreading or entering drains, ditches, or rivers by using sand, earth, or other appropriate barriers.
- Methods for Clean-Up** Contain and collect with an inert absorbent and place into an appropriate container for disposal. Rinse area with clean water and dry before permitting traffic.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

- Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. For industrial and commercial use only. Avoid contact with skin, eyes, or clothing.

**Conditions for Safe Storage, including any Incompatibilities**

- Storage Conditions** Keep container tightly closed and store in a cool, dry, and well-ventilated place. Protect from freezing. Keep out of the reach of children.
- Incompatible Materials** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
None listed			

**Appropriate Engineering Controls**

- Engineering Controls** Ensure adequate ventilation, especially in confined areas. Good general room ventilation should be adequate under normal conditions.

**Individual Protection Measures, such as Personal Protective Equipment**

- Eye/Face Protection** Wear protective glasses when splashing may occur.
- Skin and Body Protection** Wear safety gloves when exposure is expected.
- Respiratory Protection** Under normal conditions, respirator is not normally required.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

Physical State	Liquid			
Appearance	Clear	<b>Odor</b>		Fresh
Color	Blue	<b>Odor Threshold</b>		Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.0-10.0	
Melting Point/Freezing Point	0 °C / 32 °F	
Boiling Point/Boiling Range	100 °C / 212 °F	
Flash Point	Not applicable	TOC
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid-not applicable	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not determined	
Vapor Density	Not determined	

<b>Specific Gravity</b>	1.03	
<b>Water Solubility</b>	Completely soluble	@ 25 °C (77 °F)
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not an explosive	
<b>Oxidizing Properties</b>	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children. Keep from freezing.

### Incompatible Materials

Avoid strong oxidizing agents.

### Hazardous Decomposition Products

Thermal decomposition releases carbon monoxide and carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	Do not taste or swallow.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzenesulfonic Acid, C10-16-Alkyl Derivs., Sodium Salt	= 1080 mg/kg (Rat)	> 2000 mg/kg	-
Alcohols, C9-11, Ethoxylated 68439-46-3	= 2000 mg/kg	= 2000 mg/kg	-
Benzyl Alcohol 100-51-6	= 1230 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	= 8.8 mg/L (Rat) 4 h

### Information on Physical, Chemical and Toxicological Effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

**Carcinogenicity** Not classifiable has a human carcinogen.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Benzenesulfonic Acid, C10-16-Alkyl Derivs., Sodium Salt	29 mg/l, 96h	1.67 mg/L 96h Bluegill ( <i>Lepomis macrochirus</i> )	-	2.9 mg/L 48h Daphnia magna
Alcohols, C9-11, Ethoxylated 68439-46-3	-	7.25 mg/L (96hr)	-	5.5 mg/L (Daphnia 48hr)
Benzyl Alcohol 100-51-6	35: 3 h Anabaena variabilis mg/L EC50	460: 96 h Pimephales promelas mg/L LC50 static	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min	23: 48 h water flea mg/L EC50

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

Chemical Name	Partition Coefficient
Benzyl Alcohol 100-51-6	1.1

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### Disposal of Wastes

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

#### Contaminated Packaging

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT

Not regulated

### IATA

### IMDG

## 15. REGULATORY INFORMATION

### International Inventories

Canada – Domestic Substances List (DSL)  
TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt.  
All ingredients are listed or exempt.

### Legend:

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

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

**US Federal Regulations**

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes

**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 %
None listed			

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

This product does not contain any substances regulated under applicable state right-to-know regulations.

Chemical Name	State List
None listed	

- |   |   |
|---|---|
| AZ – Arizona Ambient Air Quality Guidelines             | IL – Illinois Toxic Air Contaminate- Carcinogenic |
| CT – Connecticut Hazardous Air Pollutants               | MA – Massachusetts Right to Know List             |
| CA – California Director’s List of Hazardous Substances | MN – Minnesota Hazardous Substances List          |
| CAP65 – California Prop 65                              | NJ – New Jersey Right to Know List                |
| FL – Florida Substances List                            | PA – Pennsylvania Right to Know List              |
| ID – Idaho Non-Carcinogen Toxic Air Pollutants          | RI – Rhode Island Hazardous Substances List       |

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	Not determined	Not determined	Not determined	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	0	0	Glasses, gloves

**Issue Date** 08-Aug-2011  
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**Revision Note** Version 1.4 Updated Sections 2 & 3.

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered 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 materials or in any process, unless specified in the text.

**Keep Out of Reach of Children. For Industrial and Institutional Use Only.**

\*Denotes changes from last version.

**End of Safety Data Sheet**