



# Safety Data Sheet

Issue Date 08-Aug-2011

Revision Date: 24-Feb-2016

Version 1.1

## 1. IDENTIFICATION

### Product Identifier

Product Name Maximo

### Other Means of Identification

Product Code 053000

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

Recommended Use Lavender all-purpose cleaner. For industrial 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 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

Appearance Purple

Physical State Liquid

Odor Lavender

### Classification

|                                   |                           |
|-----------------------------------|---------------------------|
| Skin corrosion/irritation         | Category 2                |
| Serious eye damage/eye irritation | Category 2 Sub-category A |

### Signal Word

Warning



### Hazard Statements

Causes skin irritation.  
Causes serious eye irritation.

### Precautionary Statements - Prevention

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

### Precautionary Statements - Response

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.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: 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.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                     | CAS No     | Weight-% |
|-----------------------------------|------------|----------|
| Water                             | 7732-18-5  | 60-100   |
| Linear Alkylbenzene Sulfonic Acid | 68584-22-5 | 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. If irritation develops or persists seek medical attention. |
| <b>Skin Contact</b> | Wash off immediately with plenty of water for at least 15 minutes.  |
| <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

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Prolonged or repeated exposure can remove natural skin oils and may produce irritation. |
|-----------------|---|

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

|                           |   |
|---------------------------|---|
| <b>Notes to Physician</b> | Treat symptomatically. May aggravate pre-existing skin disorders. |
|---------------------------|---|

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO2). Water. Foam.

#### Unsuitable Extinguishing Media

Not determined.

#### Specific Hazards Arising from the Chemical

None known.

#### Hazardous Combustion Products

Normal products of combustion.

#### 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. |

#### Methods and Material for Containment and Cleaning Up

|                                |  |
|--------------------------------|--|
| <b>Methods for Containment</b> | Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.  |
| <b>Methods for Clean-Up</b>    | 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**

|                                |   |
|--------------------------------|---|
| <b>Advice on Safe Handling</b> | 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**

|                               |   |
|-------------------------------|---|
| <b>Storage Conditions</b>     | Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from freezing. Keep out of the reach of children. |
| <b>Incompatible Materials</b> | None known based on information supplied.   |

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

|                                   |   |
|-----------------------------------|---|
| <b><u>Exposure Guidelines</u></b> | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
|-----------------------------------|---|

**Appropriate Engineering Controls**

|                             |  |
|-----------------------------|--|
| <b>Engineering Controls</b> | Ensure adequate ventilation, especially in confined areas. Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. Eyewash stations. Showers. |
|-----------------------------|--|

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

|                                       |  |
|---------------------------------------|--|
| <b>Eye/Face Protection</b>            | No protective equipment is needed under normal use conditions.         |
| <b>Skin and Body Protection</b>       | No protective equipment is needed under normal use conditions.         |
| <b>Respiratory Protection</b>         | Under normal conditions, respirator is not normally required.          |
| <b>General Hygiene Considerations</b> | Handle in accordance with good industrial hygiene and safety practice. |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

|                       |        |                       |                |
|-----------------------|--------|-----------------------|----------------|
| <b>Physical State</b> | Liquid | <b>Odor</b>           | Lavender       |
| <b>Appearance</b>     | Clear  | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Purple |                       |                |

| Property                     | Values                | Remarks • Method |
|------------------------------|-----------------------|------------------|
| pH                           | 7.0-7.5               |                  |
| 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        |                  |

|                                     |                    |                 |
|-------------------------------------|--------------------|-----------------|
| <b>Vapor Pressure</b>               | Not determined     |                 |
| <b>Vapor Density</b>                | Not determined     |                 |
| <b>Specific Gravity</b>             | 1.01               |                 |
| <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

None known based on information supplied.

### Hazardous Decomposition Products

Normal products of combustion.

## 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 |
|---|-----------------------|--------------|-----------------|
| Linear Alkylbenzene Sulfonic Acid<br>68584-22-5 | = 500—2000 mg ( Rat ) | > 2000 mg/kg | -               |

### 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** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical Measures of Toxicity**

Not determined

**Unknown Acute Toxicity**

None known.

**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             |
|---|-----------------------|------------------|----------------------------|-----------------------|
| Linear Alkylbenzene Sulfonic Acid<br>68584-22-5 | 47.3 mg/L, 72hr Algae | 1.67 mg/L : 96 h | -                          | 2.4 mg/L, 48h Daphnia |

**Persistence/Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**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**

Not regulated

**IMDG**

Not regulated

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

**US Federal Regulations**

**CERCLA**

| Chemical Name                                   | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|---|--------------------------|----------------|---|
| Linear Alkylbenzene Sulfonic Acid<br>68584-22-5 | 1000 lb                  |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

**SARA 311/312 Hazard Categories**

Acute Health Hazard

Yes

**SARA 313**

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|---------------|--------|----------|-------------------------------|
| None Listed   |        |          |                               |

**CWA (Clean Water Act)**

| Component                                       | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|-----------------------------|------------------------|---------------------------|----------------------------|
| Linear Alkylbenzene Sulfonic Acid<br>68584-22-5 | 1000 lb                     |                        |                           | X                          |

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

| Chemical Name                                   | State List |
|---|------------|
| Linear Alkylbenzene Sulfonic Acid<br>68584-22-5 | MA, NJ, PA |

AZ – Arizona Ambient Air Quality Guidelines  
 CT – Connecticut Hazardous Air Pollutants  
 CA – California Director's List of Hazardous Substances  
 CAP65 – California Prop 65  
 FL – Florida Substances List  
 ID – Idaho Non-Carcinogen Toxic Air Pollutants

IL – Illinois Toxic Air Contaminant- Carcinogenic  
 MA – Massachusetts Right to Know List  
 MN – Minnesota Hazardous Substances List  
 NJ – New Jersey Right to Know List  
 PA – Pennsylvania Right to Know List  
 RI – Rhode Island Hazardous Substances List

**16. OTHER INFORMATION****NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

1

**Flammability**

0

**Physical Hazards**

0

**Personal Protection**

Not determined

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08-Aug-2011

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24-Feb-2016

Revision Note

Version 1.1 – Formula Update

**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**