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Version 1.4

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Maxim Stainless Steel Cleaner

### Other Means of Identification

**Product Code** 954500

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

**Recommended Use** Stainless steel cleaner. For industrial & 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 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Colorless

**Physical State** Liquid

**Odor** Light Orange

### Classification

Skin sensitization

Category 1

### Signal Word

Warning



### Hazard Statements

May cause an allergic skin reaction.

### Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves.

### Precautionary Statements - Response

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.  
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.

### Precautionary Statements - Storage

No other specific measures identified.

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

### Other Hazards\*

Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper and clothing. Place soaked materials in a sealed, metal container to prevent this. The product contains no substances which at their given concentration, are considered to be hazardous to health.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Methyl Soyate	68919-53-9	60-100
Alcohols, C9-11, Ethoxylated	68439-46-3	1-5
Limonene	5989-27-5	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. Seek medical attention/advice if irritation persists.
<b>Skin Contact</b>	Wash off with soap and water. If irritation persists get medical attention. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist get medical attention.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If any discomfort persists, obtain medical attention.

#### Most Important Symptoms and Effects

<b>Symptoms</b>	Prolonged contact may cause skin irritation.
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#### Indication of any Immediate Medical Attention and Special Treatment Needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam. Dry chemical powder. Sand.

#### Unsuitable Extinguishing Media

Do not use solid water stream as it may scatter and spread fire.

#### Specific Hazards Arising from the Chemical

Risk of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray.

#### 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>	Use personal protective equipment as required.
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<b>Environmental Precautions</b>	Avoid release to the environment.
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#### Methods and Material for Containment and Cleaning Up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so. Dam up. Soak with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers.
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<b>Methods for Clean-Up</b>	Safety glasses and gloves are recommended when cleaning up spillage. Collect spillage. Spillage will be slick on surfaces. Collect in a clean, dry waste container for disposal.
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## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

#### **Advice on Safe Handling**

Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Observe good industrial hygiene practices.

### Conditions for Safe Storage, Including Any Incompatibilities

#### **Storage Conditions**

Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep locked up and out of reach of children. Keep from freezing.

#### **Incompatible Materials**

Strong acids. Oxidizing agents. Strong alkalis.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
None Listed			

### Appropriate Engineering Controls

#### **Engineering Controls**

General room ventilation should be adequate under normal use conditions.

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

#### **Eye/Face Protection**

Eye protection should be used when splashing may occur.

#### **Skin and Body Protection**

Wear protective gloves when handling this product.

#### **Respiratory Protection**

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**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

<b>Physical State</b>	Liquid	<b>Odor</b>	Light Orange
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	~ 600°F	
Flash Point	> 300 °F	PMCC
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	0.88	
Water Solubility	Insoluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	

<b>Kinematic Viscosity</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not determined
<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.

### Conditions to Avoid

Keep out of reach of children. Keep from freezing. Keep away from excessive heat, sparks, or open flames.

### Incompatible Materials

Strong acids. Oxidizers.

### Hazardous Decomposition Products

Thermal decomposition may produce oxides of carbon.

## 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
Methyl Soyate 68919-53-9	> 5000 mg/kg	> 5000 mg/kg	-
Alcohols, C9-11, ethoxylated 68439-46-3	1400 mg/kg (Rat)	-	-
Limonene 5989-27-5	-	> 5000 mg/kg (Rabbit)	-

### 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

**Sensitization** May cause an allergic skin reaction.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Limonene 5989-27-5		Group 3		

**IARC (International Agency for Research on Cancer)**

Group 3 IARC components are "not classifiable as human carcinogens."

**Numerical Measures of Toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Methyl Soyate 68919-53-9	> 100 mg/L	> 100 mg/L	> 100 mg/L	> 100 mg/L
Alcohols, C9-11, ethoxylated 68439-46-3	0.95 mg/L Algae	6 mg/L (96hr) Fathead minnow	-	2.5mg/L (48hr) Daphnia
Limonene 5989-27-5	-	0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	-	-

**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.

**California Hazardous Waste Status**

Chemical Name	California Hazardous Waste Status
Limonene 5989-27-5	Toxic

**14. TRANSPORT INFORMATION****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/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations**

**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
None Listed	-	-	-

**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
None Listed	-	-	-	-

**US State Regulations**

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

Chemical Name	State List
None Listed	

AZ- Arizona Ambient Air Quality Guidelines  
 CT- Connecticut Hazardous Air Pollutants  
 CA- California Director's List of Hazardous Substances  
 CAP65- California Prop65  
 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**

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

**Issue Date** 05-Feb-2015  
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**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**