

# Michigan State Industries

# SAFETY DATA SHEET

MSI - Scum Buster #8818

Date 4/2/2019

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

Scum Buster

### Other Means of Identification

### Product Code

MSI-8818

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

**Recommended Use** Ready-to-Use spray on Bath / Shower / Pool Areas/ Decks /Multi-Purpose Cleaner

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

### Manufactured For

Michigan State Industries  
17600 Ryan Rd.  
Detroit, MI. 48212

### Emergency Telephone Number

### Company Phone Number

313-368-3200

### Emergency Telephone

INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity Oral	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2 Sub-category A

### Signal Word

**WARNING**

### Hazard Statements

Harmful if swallowed  
May cause severe eye irritation  
May cause skin irritation



**Appearance** Green liquid

**Physical State** Liquid

**Odor** Apple

**Precautionary Statements - Prevention**

Do not taste or swallow.

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician

**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 (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Consult a physician if irritation occurs.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if irritation persists.

**IF SWALLOWED:** Call a POISON CENTER or doctor/physician for treatment advice. Rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store in a cool dry place. KEEP OUT OF REACH OF CHILDREN. Keep container tightly closed and in an upright position when not in use.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Alkyl dimethyl ammonium chloride blend	7173-51-5	0 - 7
Ethalenediaminetetraacetic Acid	Mixture	0 - 3
Sodium Xylene Sulfonate	5989-27-5	0 - 3

### 4. FIRST AID MEASURES

**First Aid Measures**

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if irritation persists.
<b>Eye Contact</b>	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.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician immediately for treatment advice.
<b>Skin Contact</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician if irritation occurs.

**Most Important Symptoms and Effects, both Acute and Delayed**

<b>Symptoms</b>	Irritation to skin, defatting, dermatitis. Irritation to eyes, redness tearing, blurred vision. Inhalation of vapors may cause drowsiness or dizziness.
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**Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Note to Physicians</b>	If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Water fog, foam, dry chemical powder, or carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media** Do not use water jet as this could spread fire.

### Specific Hazards Arising from the Chemical

During fire, gases hazardous to health may be formed.

**Hazardous Combustion Products** None known.

### 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

**Personal Precautions** Use personal protective equipment as required.

### Methods and Material for Containment and Cleaning Up

**Methods for Containment** Evacuate personnel to safe areas. Prevent further leakage or spillage if safe to do so. Collect using an inert absorbent material and place in appropriate containers for disposal. Prevent entry into waterways, sewer, basements or confined areas.

**Methods for Cleaning Up** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Advice on Safe Handling** Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Do not taste or swallow.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions** Store locked up. KEEP OUT OF THE REACH OF CHILDREN. Keep container tightly closed and upright when not in use.

**Incompatible Materials** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Appropriate Engineering Controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

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

**Eye/Face Protection** Splash goggles or safety glasses.

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<b>Skin and Body Protection</b>	Rubber or other impervious gloves.
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas.
<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>	Apple Fragrance
<b>Appearance</b>	Green liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Green		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	8 - 9		
<b>Melting Point/Freezing Point</b>	Not available		
<b>Boiling Point/Boiling Range</b>	Not determined		
<b>Flash Point</b>	Not applicable		
<b>Evaporation Rate</b>	1	Water = 1	
<b>Flammability (Solid, Gas)</b>	Not applicable		
<b>Upper Flammability Limits</b>	Not determined		
<b>Lower Flammability Limit</b>	Not determined		
<b>Vapor Pressure</b>	Not determined		
<b>Vapor Density</b>	Not determined		
<b>Specific Gravity</b>	1.056		
<b>Water Solubility</b>	Soluble in water		
<b>Solubility in Other Solvents</b>	Not determined		
<b>Partition Coefficient</b>	Not determined		
<b>Autoignition 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 applicable		
<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

Excessive heat and contamination of any kind.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

<b>Inhalation</b>	May cause irritation to the mucous membranes and respiratory tract. Vapors may cause drowsiness or dizziness.
<b>Eye Contact</b>	May cause minor irritation consisting of transient redness and swelling.
<b>Skin Contact</b>	May cause minor irritation consisting of transient redness and swelling.
<b>Ingestion</b>	May cause mild gastrointestinal discomfort.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dimethyl Ammonium Chloride Blend 7173-51-58	344 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	0.054 – 0.051
Ethalenediaminetetraacetic Acid Mixture	2000 mg/kg ( Rat )	-	-

### Information on Physical, Chemical and Toxicological Effects

<b>Symptoms</b>	Drying or defatting of the skin. Mists and vapors cause irritation of the eyes, mucous membranes, and upper respiratory tract. Swallowing can cause abdominal irritation, nausea, vomiting and diarrhea.
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### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

<b>Carcinogenicity</b>	No components of this product have been identified as a carcinogen or potential carcinogen by ACGIH, IARC, OSHA, or NTP.
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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Dimethyl Ammonium Chloride Blend 7173-51-58	EC50 Algae 0.063 mg/l 96 h-	LC50 Pimephales promelas 0.88ppm 96 h	-	LC50 Daphnia magna 0.0058 – 0.016 mg/L 48h
Sodium Xylene Sulfonate 5989-27-5		LC50 Leuciscus idus >500 mg.l 96h		EC50: Daphnia magna 100 mg/L 48 h

### Persistence and Degradability

Readily biodegradable.

### Bioaccumulation

The potential for bio-concentration in aquatic organisms is low.

### Mobility

High mobility in soil.

### 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. Do not reuse packaging.

**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**

**TSCA** Listed

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*

**US Federal Regulations**

**SARA 313**  
Not regulated

**US State Regulations**

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

The following ingredients have been listed:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Dimethyl Ammonium Chloride Blend 7173-51-58	X	X	X
Sodium Xylene Sulfonate 5989-27-5	X		

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**16. OTHER INFORMATION**

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

**Disclaimer**

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**End of Safety Data Sheet**