



# Safety Data Sheet

Issuing date 02-Oct-2012

Revision Date 13-Dec-2012

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** Mizer Antimicrobial Hand Soap

**Swisher number** 130124  
**Reference number** 130124CG1-4  
**Distributor number**

**Recommended use** Antibacterial Hand Soap

**Distributor** Energy MIZER  
295 Edwardia Drive  
Greensboro, NC 27409

**Company Emergency Phone Number**  
(336) 852-4650

**Chemical Emergency Phone Number** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### WARNING

#### Emergency Overview

May be harmful if swallowed  
May cause eye irritation

**Appearance** Clear, Viscous, Light Orange

**Physical state** Liquid.

**Odor** Lemon

**OSHA Regulatory Status** This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Potential Health Effects

**Principle Routes of Exposure** Eye contact Ingestion

### Acute toxicity

**Eyes** Irritating to eyes  
**Skin** No known effect based on information supplied  
**Inhalation** Not an expected route of exposure  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

**Chronic Effects** No information available

**Aggravated Medical Conditions** Eye and skin allergies.

**Environmental hazard** See Section 12 for additional Ecological Information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight %
Triclosan	3380-34-5	< 0.5%

### 4. FIRST AID MEASURES

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin contact</b>	In the case of skin irritation or allergic reactions see a physician
<b>Inhalation</b>	Move to fresh air
<b>Ingestion</b>	Drink plenty of water
<b>Notes to physician</b>	Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable			
<b>Flash point</b>	Not combustible.			
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment			
<b>Explosion Data</b>				
<b>Sensitivity to Mechanical Impact</b>	None.			
<b>Sensitivity to Static Discharge</b>	None.			
<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</b> 0	<b>Flammability</b> 0	<b>Stability</b> 0	<b>Physical and chemical hazards</b> -
<b>HMIS</b>	<b>Health Hazard</b> 0	<b>Flammability</b> 0	<b>Physical Hazard</b> 0	<b>Personal protection</b> -

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation
<b>Environmental precautions</b>	No special environmental precautions required.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so
<b>Methods for cleaning up</b>	Mop up & flush to sanitary sewer with plenty of water. Floors may be slippery. Use care to avoid falls.

### 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	KEEP OUT OF REACH OF CHILDREN.
<b>Technical measures/Storage conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** Review Section 3 & 4 for Exposure Guidelines.

**Engineering Measures** None under normal use conditions

### **Personal Protective Equipment Institutional Environment**

<b>Eye/Face Protection</b>	None under normal use conditions
<b>Consumer Environments</b>	Care should be taken to avoid Eye contact.
<b>Skin and body protection</b>	Not applicable
<b>Respiratory protection</b>	Unnecessary in open institutional environment.
<b>Hygiene measures</b>	Practice good personal hygiene.

### **Personal Protective Equipment Industrial Environment**

<b>Eye/Face Protection</b>	Avoid contact with eyes
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No special protective equipment required
<b>Hygiene measures</b>	Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **9.1 Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid			
<b>Appearance</b>	Clear Viscous	Light Orange	<b>Odor</b>	Lemon
<b>Color</b>	orange			

<b>Property</b>	<b>Values</b>	<b>Remarks</b>	<b>Methods</b>
<b>pH</b>	7.5	± 0.5	
<b>Melting/freezing point</b>		No data available	
<b>Freezing Point</b>		No data available	
<b>Boiling point/boiling range</b>	~ 100 °C / 212 °F		
<b>Flash Point</b>		Not flammable	
<b>Evaporation rate</b>		Similar to water	
<b>Flammability (solid, gas)</b>		No information available	
<b>Flammability Limits in Air</b>		No information available	
<b>upper flammability limit</b>			
<b>lower flammability limit</b>			
<b>Explosion Limits</b>			
<b>upper</b>			
<b>lower</b>			
<b>Vapor pressure</b>		No information available	
<b>Vapor density</b>		No information available	
<b>Specific Gravity</b>	1.0084 ± 0.005		
<b>Water solubility</b>	Completely soluble.		

**Explosive properties** Not explosive

**Oxidizing Properties** not applicable

### 9.2 Other information

**VOC Content(%)** < 1%

## 10. STABILITY AND REACTIVITY

**Stability** Stable under recommended storage conditions.

**Incompatible products** Strong oxidizing agents

**Conditions to Avoid** None known based on information supplied

**Hazardous Decomposition Products** None known based on information supplied

**Hazardous Polymerization** Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

**Product Information** May be harmful if swallowed

**Inhalation** Not an expected route of exposure

**Eye contact** May cause temporary eye irritation

**Skin contact** Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Triclosan	3700 mg/kg ( Rat )	9300 mg/kg ( Rabbit )	

### Chronic toxicity

**Chronic toxicity** No information available

**Carcinogenicity** There are no known carcinogenic chemicals in this product

**Target Organ Effects** None known.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Triclosan		250: 96 h Pimephales promelas µg/L LC50		390: 48 h Daphnia magna µg/L EC50

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods</b>	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements
<b>Contaminated packaging</b>	Do not re-use empty containers

## 14. TRANSPORT INFORMATION

<b>DOT</b>	Not regulated
<b>Proper shipping name</b>	Cleaning Compound, Liquid

## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	TSCA
<b>DSL</b>	Complies
<b>NDSL</b>	Complies
<b>EINECS</b>	Complies
<b>ELINCS</b>	-
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the 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 Commercial Chemical Substances/EU 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

**AICS** - Australian Inventory of Chemical Substances

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	no
<b>Chronic Health Hazard</b>	no

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<b>Fire Hazard</b>	no
<b>Sudden Release of Pressure Hazard</b>	no
<b>Reactive Hazard</b>	no

**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).

**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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

<b>16. OTHER INFORMATION</b>
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<b>Prepared By</b>	Daley International 4100 West 76th Street Chicago, IL 60652	<b>Issuing date</b>	02-Oct-2012	<b>Revision Date</b>	13-Dec-2012
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**Revision Note**

1.

**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

**Safety Data Sheet**