

# SAFETY DATA SHEET



Revision Date 21-Mar-2016  
Version 1.07

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** Green For Restrooms  
T1017 SM Product Code: 23944/23949  
**Product code** 23944/23949

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Cleaning agent  
**Restrictions on use** Professional Use Only

### 1.3 Details of the supplier of the safety data sheet

**Supplier** ServiceMaster™ Clean  
3839 Forest Hill-Irene Rd.  
Memphis, TN 38125  
1-800-756-5656  
ServiceMaster™ Clean  
5462 Timberlea Blvd  
Mississauga, ON L4W 2T7, Canada  
Phone: 289-777-2015

**E-mail Address** msds@chemspecworld.com

### 1.4 Emergency telephone number

**Emergency telephone number** INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910.1200**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2B

### 2.2 Label elements

#### **Signal Word**

Warning

#### **Hazard Statements**

Causes skin irritation  
Causes eye irritation



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Keep/Store away from clothing/ combustible materials

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  
IF ON SKIN: Wash with plenty of water and soap  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash it before reuse

**2.3. Other Hazards Hazards not otherwise classified (HNOC)**

Not Applicable

**2.4 Other information**

Not Applicable

**Unknown Acute Toxicity** < 1% of the mixture consists of ingredient(s) of unknown toxicity

**3. Composition/Information on Ingredients**

**Substance**

**Mixture**

W.20359

Chemical Name	CAS-No	Weight %
Lactic Acid	79-33-4	10 - 20

The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First aid measures**

**4.1 Description of first-aid measures**

**General advice** No information available.  
**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.  
**Skin contact** Wash skin with soap and water.  
**Inhalation** Remove to fresh air.  
**Ingestion** Clean mouth with water and drink afterwards plenty of water.

**4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms** See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

**4.3 Indication of any immediate medical attention and special treatment needed**

**Notes to physician** Treat symptomatically.

## 5. Fire-Fighting Measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None.

### 5.2 Special hazards arising from the substance or mixture

#### Special Hazard

None known based on information supplied

**Hazardous Combustion Products** No information available.

#### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### 5.3 Advice 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

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

### 6.2 Environmental precautions

See Section 12 for additional Ecological information.

### 6.3 Methods and materials for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and storage

### 7.1 Precautions for safe handling

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Materials to Avoid** No materials to be especially mentioned.

## 8. Exposure controls/personal protection

### 8.1 Exposure Guidelines

### 8.2 Appropriate engineering controls

**Engineering Measures**                      Showers  
Eyewash stations  
Ventilation systems.

**8.3 Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**                      Safety glasses with side-shields.  
**Skin and body protection**                Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.  
**Respiratory protection**                    . NIOSH/MSHA approved respiratory protection should be worn if exposure is anticipated.  
**Hygiene measures**                         See section 7 for more information

**9. Physical and chemical properties**

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

**Physical state**                                Liquid  
**Appearance**                                 Colored liquid  
**Color**    No information available  
**Odor**     No Fragrance Added  
**Odor Threshold**                             No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	4.0	
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point	Not Applicable	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity	1.11	
Water solubility		Miscible
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
<b>Explosive properties</b>		No information available
<b>Oxidizing Properties</b>		No information available

**9.2 Other information**

**Volatile organic compounds (VOC) content**    None

**10. Stability and Reactivity**

**10.1 Reactivity**

No data available

**10.2 Chemical stability**

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to Avoid

Extremes of temperature and direct sunlight.

### 10.5 Incompatible Materials

None known based on information supplied.

### 10.6 Hazardous Decomposition Products

None known based on information supplied.

## 11. Toxicological information

### 11.1 Acute toxicity

#### Numerical measures of toxicity: Product Information

**Unknown Acute Toxicity** < 1% of the mixture consists of ingredient(s) of unknown toxicity

#### Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Lactic Acid 79-33-4	3730 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

### 11.2 Information on toxicological effects

#### **Skin corrosion/irritation**

##### Product Information

- No information available

##### Component Information

- No information available

#### **Serious eye damage/eye irritation**

##### Product Information

- No information available

##### Component Information

- No information available

#### **Respiratory or skin sensitization**

##### Product Information

- No information available

##### Component Information

- No information available

#### **Germ cell mutagenicity**

##### Product Information

- No information available

##### Component Information

- No information available

#### **Carcinogenicity**

##### Product Information

- No information available

Component Information

• No information available

**Reproductive toxicity**

Product Information

• No information available

Component Information

• No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure**

No information available

**Other adverse effects**

Product Information

• No information available

Component Information

• No information available

**Aspiration hazard**

Product Information

• No information available

Component Information

• No information available

**12. Ecological information**

**12.1 Toxicity**

**Ecotoxicity**

No information available

10.3636464 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Lactic Acid 79-33-4	-	LC50: 96 h Brachydanio rerio 320 mg/L semi-static LC50: 96 h Lepomis macrochirus 100 - 180 mg/L static LC50: 96 h Oncorhynchus mykiss 100 - 180 mg/L static	EC50: 48 h Daphnia magna 240 mg/L EC50: 48 h Daphnia magna 180 - 320 mg/L Static

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Discharge into the environment must be avoided

Chemical Name	log Pow
Lactic Acid 79-33-4	-0.62

**12.4 Mobility in soil**

No information available.

### 12.5 Other adverse effects

No information available

## 13. Disposal Considerations

### 13.1 Waste treatment methods

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

## 14. Transport Information

DOT Not regulated

MEX Not regulated

IMDG Not regulated

IATA Not regulated

## 15. Regulatory information

### 15.1 International Inventories

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

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

**DSL** - Canadian Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and 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

**NZIoC** - New Zealand Inventory of Chemicals

### 15.2 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

### 15.3 Pesticide Information

Not applicable

### 15.4 U.S. State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

**16. Other information**

<b>NFPA</b>	<b>Health Hazard 2</b>	<b>Flammability 0</b>	<b>Instability 0</b>	<b>Physical and chemical hazards -</b>
<b>HMIS</b>	<b>Health Hazard 2</b>	<b>Flammability 0</b>	<b>Physical Hazard 0</b>	<b>Personal protection X</b>

**Legend:**

*ACGIH (American Conference of Governmental Industrial Hygienists)*  
*Ceiling (C)*  
*DOT (Department of Transportation)*  
*EPA (Environmental Protection Agency)*  
*IARC (International Agency for Research on Cancer)*  
*International Air Transport Association (IATA)*  
*International Maritime Dangerous Goods (IMDG)*  
*NIOSH (National Institute for Occupational Safety and Health)*  
*NTP (National Toxicology Program)*  
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*  
*PEL (Permissible Exposure Limit)*  
*Reportable Quantity (RQ)*  
*Skin designation (S\*)*  
*STEL (Short Term Exposure Limit)*  
*TLV® (Threshold Limit Value)*  
*TWA (time-weighted average)*

**Prepared By** Chemspec Regulatory Affairs/Product Safety  
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No information available

**Disclaimer**

The information provided on this SDS 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.

**End of Safety Data Sheet**