



# Safety Data Sheet

Issuing date 01-Dec-2012

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** SteamWay Urine Urout

**Swisher number** 1116  
**Reference number** 1116CGH1-4  
**Distributor number**

**Recommended use** Stain remover

**Distributor** Steam Way International, LLC  
1625 KDC Lane - PO Box 514  
Jackson, WY 83001

**Company Emergency Phone Number** 800-447-8326

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

## 2. HAZARDS IDENTIFICATION

### WARNING

#### Emergency Overview

May intensify fire; Oxidizer  
Irritating to eyes  
May be harmful if swallowed or if inhaled

**Appearance** Clear Liquid

**Physical state** Liquid.

**Odor** Neutral

**OSHA Regulatory Status** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Potential Health Effects

**Principle Routes of Exposure** Ingestion, Inhalation, Eye Contact, Skin Contact

### Acute toxicity

**Eyes** Irritating to eyes  
**Skin** Prolonged skin contact may cause skin irritation  
**Inhalation** Irritating to respiratory system  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

**Chronic Effects** No information available Avoid repeated exposure

**Aggravated Medical Conditions** Pre-existing eye, skin and respiratory disorders.

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight %
Hydrogen Peroxide	7722-84-1	< 5%

#### 4. FIRST AID MEASURES

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Immediately flush eye with plenty of cool, running water. Remove contact lenses if applicable, and continue flushing for at least 15 minutes, holding eyelids apart to ensure thorough rinsing of the entire eye. GET IMMEDIATE MEDICAL ATTENTION.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. If skin irritation persists, see a physician.
<b>Inhalation</b>	Remove to fresh air. If breathing difficulty continues, get medical attention.
<b>Ingestion</b>	Rinse mouth. DO NOT induce vomiting. Give large amounts of water if victim is conscious. Never give anything by mouth to an unconscious person. Get medical attention immediately.
<b>Notes to physician</b>	Treat symptomatically.
<b>Protection of First-aiders</b>	Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Oxidizer.
<b>Flash point</b>	None to boiling.
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Hazardous Combustion Products</b>	On decomposition product releases oxygen which may intensify fire.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Specific hazards arising from the chemical</b>	Containers of this material can explode as oxygen is liberated under high heat or fire conditions. On decomposition releases oxygen which may intensify fire.
<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> 2 <b>Flammability</b> 0 <b>Stability</b> 0 <b>Physical and chemical hazards</b> OX
<b>HMIS</b>	<b>Health Hazard</b> 2 <b>Flammability</b> 0 <b>Physical Hazard</b> 0 <b>Personal protection</b> -

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Avoid contact with skin, eyes and clothing Use personal protective equipment Ensure adequate ventilation
<b>Environmental precautions</b>	Keep out of waterways.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so Contain spill with inert material. Dike around large spills. Do not use organic absorbents or incompatible materials
<b>Methods for cleaning up</b>	Small spills: Flush to sanitary sewer. Mop up residue and rinse area thoroughly with water Large spills: Dike or dam spill. Pump to containers or soak up on inert absorbent

## 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	Do not eat, drink or smoke when using this product Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water
<b>Technical measures/Storage conditions</b>	Keep in a dry, cool and well-ventilated place Keep out of the reach of children Store away from incompatible materials

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>

*NIOSH IDLH: Immediately Dangerous to Life or Health*

**Engineering Measures** Ensure adequate ventilation, especially in confined areas Ensure that eyewash stations and safety showers or an equivalent method of decontamination are close to the work location

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

<b>Eye/Face Protection</b>	Tightly fitting safety goggles
<b>Consumer Environments</b>	Care should be taken to avoid Eye contact.
<b>Skin and body protection</b>	Rubber gloves
<b>Respiratory protection</b>	Ensure adequate ventilation
<b>Hygiene measures</b>	Practice good personal hygiene. Wash after handling.

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

<b>Eye/Face Protection</b>	Splash-proof chemical goggles or face shield.
<b>Skin and body protection</b>	Impervious rubber gloves and apron.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene measures</b>	Remove and wash contaminated clothing before re-use Do not eat, drink or smoke when using this product Wash hands before breaks and immediately after handling the product

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Physical state</b>	Liquid		
<b>Appearance</b>	Clear Liquid	<b>Odor</b>	Neutral
<b>Color</b>	colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks Methods</u>
pH	4.5	± 0.5
Melting/freezing point		No data available
Freezing Point		No data available
Boiling point/boiling range	~ 100 °C / 212 °F	
Flash Point		Not flammable
Evaporation rate		Similar to water
Flammability (solid, gas)		No information available
Flammability Limits in Air		No information available
upper flammability limit		
lower flammability limit		
Explosion Limits		
upper		
lower		
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity	1.009 ± 0.005	
Water solubility		Completely soluble.
Explosive properties	Not explosive	
Oxidizing Properties	These substances will accelerate burning when involved in a fire Oxidizer. Contact with other material may cause fire	

**9.2 Other information**

VOC Content(%) negligible

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions Decomposes on heating
<b>Incompatible products</b>	Reducing agents Organic materials, heavy metals, oils and greases. Contamination with acids, reducing agents, and metallic ions may cause catalytic decomposition
<b>Conditions to Avoid</b>	Excessive heat
<b>Hazardous Decomposition Products</b>	Oxygen, which increases the risk of fire.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

<b>Product Information</b>	Harmful by inhalation, in contact with skin and if swallowed.
<b>Inhalation</b>	Inhalation of vapors in high concentration may cause irritation of the respiratory system
<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	Prolonged contact may cause redness and irritation
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
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Hydrogen Peroxide	801 mg/kg ( Rat )	2000 mg/kg ( Rabbit ) 4060 mg/kg ( Rat )	2 mg/L ( Rat ) 4 h
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**Chronic toxicity**

**Chronic toxicity** No information available Avoid repeated exposure

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA
Hydrogen Peroxide	A3	Group 3		

**ACGIH: (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

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

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Target Organ Effects** None known.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Ecological injuries are not known or expected under normal use.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Hydrogen Peroxide	2.5: 72 h Chlorella vulgaris mg/L EC50	10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static 18 - 56: 96 h Lepomis macrochirus mg/L LC50 static 16.4: 96 h Pimephales promelas mg/L LC50		18 - 32: 48 h Daphnia magna mg/L EC50 Static 7.7: 24 h Daphnia magna mg/L EC50

**Persistence and degradability** Product is biodegradable.

**Bioaccumulation** Does not bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods**

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

**Contaminated packaging** Do not re-use empty containers

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Hydrogen Peroxide	Toxic Corrosive Ignitable Reactive

## 14. TRANSPORT INFORMATION

**DOT** Not regulated  
**Proper shipping name** Cleaning Compound, Liquid

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** TSCA  
**DSL** Complies  
**NDSL** Complies  
**EINECS** Complies  
**ELINCS** -  
**ENCS** Complies  
**IECSC** Complies  
**KECL** Complies  
**PICCS** Complies  
**AICS** 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**

**Acute Health Hazard** Yes  
**Chronic Health Hazard** no  
**Fire Hazard** no  
**Sudden Release of Pressure Hazard** Yes  
**Reactive Hazard** Yes

**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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
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Hydrogen Peroxide		1000 lb	
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**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**

Chemical Name	Carcinogen Status	Exposure Limits
Hydrogen Peroxide	A3	Mexico: TWA 1 ppm Mexico: TWA 1.5 mg/m <sup>3</sup> Mexico: STEL 2 ppm Mexico: STEL 3 mg/m <sup>3</sup>

**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.

**16. OTHER INFORMATION**

<b>Prepared By</b>	Daley International 4100 West 76th Street Chicago, IL 60652	<b>Issuing date</b>	01-Dec-2012	<b>Revision Date</b>	01-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**