

**MATERIAL SAFETY DATA SHEET**  
(Complies with 29 CFR 1910.1200)  
1/800/333-6678

The ServiceMaster Company  
One ServiceMaster Way  
Downers Grove, IL 60515

**SECTION I**  
SaniMaster III  
6109-17  
The ServiceMaster Company  
One ServiceMaster Way, Downers Grove, IL 60515  
1/800/333-6678  
DOT Hazard Class: Non-Hazardous  
N/A  
ID Number: None  
N/A

Product (Trade) Name: SaniMaster III  
EPA Registration No.: 6109-17  
Manufacturer's Name: The ServiceMaster Company  
Address: One ServiceMaster Way, Downers Grove, IL 60515  
Emergency Telephone No.: 1/800/333-6678  
Chemical Name and Synonyms: None  
Chemical Family: None  
Formula: N/A

**SECTION II -- HAZARDOUS INGREDIENTS**

Ingredient	C.A.S. No.	Wt. by %	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL	Listed As Carcinogenic BY IARC, NTP OSHA, ACGIH
Quaternary ammonium compounds	32326-11-2	5.7	N/E	N/E	N/E	No
Sodium hydroxide	68424-85-1	0.5	2mg/m <sup>3</sup> C, 2mg/m <sup>3</sup> C*	N/E	N/E	No
Ethyl Alcohol	6370-73-2	0.8-1.3	1000ppm, 1000ppm	N/E	N/E	No

\*C = Ceiling value that to be exceeded at any time during the work shift in accordance with OSHA's Hazard Communication Standard, ingredients listed in this section are those identified as being hazardous and present at concentrations greater than 1%, or greater 0.1% if the substance is a listed carcinogen. Information concerning ingredients identified as "Proprietary" will be made available as provided in 29 CFR 1910.1200(h).

**SECTION III -- PHYSICAL DATA**

Boiling Point (°F)	> 212	Specific Gravity (H <sub>2</sub> O = 1)	1.066
Vapor Pressure (mm Hg)	N/D	% Volatile by Weight	7.73
Vapor Density (Air = 1)	2.1	Evaporation Rate	1
pH of Concentrate	12.9	pH Diluted for Use	10.5
Solubility in Water	Complete	Appearance and Odor	Colorless liquid with slight ammonia-like odor.

**SECTION IV -- FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Tag, Closed Tester): > 200 °F  
Flammable Limits: LEL: UEL: N/A N/A  
Extinguishing Media: Non-combustible. Use media appropriate for materials actually involved in fire.  
Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should always be worn in fighting fires involving chemicals.  
Unusual Fire and Explosion Hazards: None known.

**SECTION V -- HEALTH HAZARD DATA**

Primary Route(s) of Exposure: Skin contact  
Threshold Limit Value: N/D for mixture. See Section II for TLV's of hazardous ingredients.  
Effects of Overexposure:  
- Acute: Irritation of skin may result in dryness or irritation  
By Inhalation: Serious irritation, chemical burns possible  
By Eye Contact: Irritation of the mouth, throat, and stomach. Corrosive effects on mucous membranes.  
By Ingestion: Irritation  
By Skin Contact: Irritation  
Chronic, Repeated or prolonged contact with skin may result in dryness or irritation  
Medical Conditions Generally Aggravated by Exposure: None known

**Emergency and First Aid Procedures:**  
For Inhalation: Remove to fresh air.  
For Eye Contact: Immediately flush with plenty of water for at least 15 minutes. Lift upper and lower lids occasionally. Call a physician. Give a large quantity of milk, egg white, gelatin solution, or several glasses of water. Do NOT induce vomiting.  
For Ingestion: Wash thoroughly for at least 15 minutes with running water. Remove and launder contaminated clothing.  
For Skin Contact: Wash thoroughly for at least 15 minutes with running water. Remove and launder contaminated clothing.

**SECTION VI -- REACTIVITY DATA**

Stability: Stable  
Incompatibility (Materials to Avoid): None  
Hazardous Decomposition Products: None known  
Hazardous Polymerization: Will not occur  
Conditions to Avoid: None known

**SECTION VII -- SPILL OR LEAK PROCEDURES**

Steps To Be Taken In Case Material Is Released Or Spilled: Small amounts may be flushed to sanitary sewer. Large amounts: acid acetic acid to neutralize. Absorb with sand, clay, vermiculite, or other absorbent.  
Waste Disposal Method: Pick up with shovel. Dispose of in an approved landfill in accordance with Federal, State, and local regulations. Un-neutralized material must be disposed of as corrosive hazardous waste. Dispose of all waste in accordance with local, State, and Federal regulations.  
Hazardous Waste Classification: D002

**SECTION VIII -- SPECIAL PROTECTION INFORMATION**

For Handling Product as Supplied:  
Respiratory Protection: If TLV is exceeded, use NIOSH-approved organic vapor respirator.  
Ventilation: Sufficient ventilation should be provided to maintain exposure below TLV.  
Protective Gloves: NBR or rubber.  
Eye Protection: Chemical splash goggles or face shield.  
Other Protective Equipment: Use impervious apron and/or clothing as needed to prevent skin contact.  
For Handling Product After Dilution For Use:  
Respiratory Protection: If generation of respirable mist occurs, use NIOSH-approved dust and mist respirator.  
Ventilation: Normal ventilation satisfactory.  
Protective Gloves: Not normally required.  
Eye Protection: Not required.  
Other Protective Equipment: Not required.

**SECTION IX -- SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling And Storing: Store in a tightly closed container in a cool, dry location.  
Other Precautions: Use only according to instructions on label. Empty container may be hazardous. Follow directions on label for disposal. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.  
Prepared By: Kevin T. Wagner  
Title: Occupational Safety and Health Coordinator  
Date Prepared: November 13, 1996  
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