

The ServiceMaster Company  
One ServiceMaster Way  
Downers Grove, IL 60515

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

SaniMaster Carpet Sanitizer  
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**SECTION I**

Product (Trade) Name: SaniMaster Carpet Sanitizer  
 EPA Registration Number: 5836-108-6109  
 Manufacturer's Name: The ServiceMaster Company  
 Address: One ServiceMaster Way, Downers Grove, IL 60515  
 Emergency Telephone No: N/A  
 Chemical Name and Synonyms: N/A  
 Formula: N/A  
 DOT Hazard Class: Disinfectants, Liquid Corrosive, N.O.S. (D-alkyl Dimethyl Ammonium Chloride)  
 DOT ID Number: UN1903

**SECTION II -- HAZARDOUS INGREDIENTS**

Ingredient	C.A.S. No.	Wt. by %	OSHA PEL	TLV-TWA ACGIH	Other Limit	Listed As Carcinogenic By IARC, NTP OSHA, ACGIH
N, N-DiAlkyl (C8-10) chloride	58424-95-3	1-3	N/E	N/E	N/E	No
N-Alkyl (C12-16) N, N-dimethyl N-benzylammonium chloride	58424-85-1	1-1	N/E	N/E	N/E	No
Ethoxylated nonylpheno	127087-87-0	1-5	N/E	N/E	N/E	No
Sodium metasilicate	6834-92-0	1-3	N/E	N/E	N/E	No
Sodium carbonate	497-19-8	1-3	N/E	N/E	N/E	No

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(i).

**SECTION III -- PHYSICAL DATA**

Boiling Point (°F): N/D  
 Vapor Pressure (mm hg): N/D  
 Vapor Density (Air = 1): N/D  
 pH of Concentrate: 12.9  
 Appearance and Odor: Soluble

Specific Gravity (H<sub>2</sub>O = 1): 1.07  
 % Volatile by Weight: 84  
 Evaporation Rate: N/D  
 Solubility in Water: Soluble

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

Flash Point (Tag, Closed Tester): > 200°F  
 Flammable Limits: LEL UEL  
 N/A N/A  
 Extinguishing Media: Dry chemical, water, CO2  
 Special Fire Fighting Procedures: Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.  
 Unusual Fire and Explosion Hazards: Products of combustion are toxic.

**SECTION V -- HEALTH HAZARD DATA**

Primary Route(s) of Exposure: Skin contact, eye contact.  
 Threshold Limit Value: N/D for mixture. See Section II for TLV's of hazardous ingredients.  
 Effects of Overexposure:  
 - Acute: No adverse effects expected.  
 By Inhalation: Direct contact will result in damage and/or severe irritation.  
 By Eye Contact: Will result in nausea, damage and/or severe irritation.  
 By Ingestion: Will result in damage and/or severe irritation.  
 By Skin Contact: Direct contact will result in damage and/or severe irritation.

-Chronic: None known.  
 -Medical Conditions Generally Aggravated by Exposure: No effects indicated.  
 -Emergency and First Aid Procedures:  
 For Inhalation: Remove from area to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available.  
 For Eye Contact: Flush with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get immediate medical attention. If physician not available, flush for additional 15 minutes and then transport victim to medical care.  
 For Ingestion: If swallowed, immediately give 3-4 glasses of milk, or water. Do NOT induce vomiting. If vomiting occurs, give fluids again. Get immediate medical attention. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Do not give anything by mouth to a convulsing or unconscious person.  
 For Skin Contact: Wash with large amounts of running water, and soap if available for 15 minutes. Remove contaminated clothing and shoes. Get immediate medical attention. Wash clothing and decontaminate shoes before reuse.

**SECTION VI -- REACTIVITY DATA**

Stability: Stable.  
 Incompatibility (Materials to Avoid): None known.  
 Hazardous Decomposition Products: Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines and other organic materials, and oxides of carbon and nitrogen.  
 Hazardous Polymerization: Will not occur.

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

Steps to Be Taken In Case Material Is Released Or Spilled: Danger! Floors may become slippery. Wear appropriate protective equipment and NIOSH/MSHA approved respirator where mists or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred). Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.  
 Waste Disposal Method: Dispose of in compliance with all Federal, state and local laws and regulations. Incineration is the preferred method.  
 Hazardous Waste Classification: D002

**SECTION VIII -- SPECIAL PROTECTION INFORMATION**

For Handling Product as Supplied:  
 Respiratory Protection: In processes where mists or vapors may be generated, an NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.  
 Ventilation: In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.  
 Protective Gloves: Rubber or neoprene, when needed, to prevent skin contact.  
 Eye Protection: Wear chemical splash goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions.  
 Other Protective Equipment: Eyewash; safety shower, protective clothing (long sleeves, coveralls or other, as appropriate), when needed, to prevent skin contact.

**SECTION IX -- SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling And Storing: Store at temperatures below 140°F. Keep containers closed until used. Do not contaminate drinking water, food or feed by storage or disposal.  
 Other Precautions: None known.

Prepared By: Kevin T. Wagner  
 Date Prepared: October 1, 1996