

The ServiceMaster Company  
One ServiceMaster Way  
Downers Grove, IL 60515

## MATERIAL SAFETY DATA SHEET

(Complies with 29 CFR 1910.1200)

1/800/333-6678

FloorStar DuoClene

Page 1 of 1

### SECTION I

**Product (Trade) Name** - FloorStar DuoClene  
**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** - N/A  
**Chemical Family** - N/A  
**Formula** - N/A  
**DOT Hazard Class** - Nonhazardous  
**DOT ID Number** - None

### SECTION II -- HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Wt. by %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>Other Limit</u>	<u>Listed As Carcinogenic By IARC, NTP OSHA, ACGIH</u>
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): ~212  
Vapor Pressure (mm hg): N/D  
Vapor Density (Air=1): > 1  
Solubility in Water: Complete  
Appearance and Odor: Clear, greenish liquid with mint odor.  
pH Diluted for Use: 9-10.5  
Specific Gravity (H<sub>2</sub>O=1): 1.03  
% Volatile by Weight: 89-93  
Evaporation Rate (H<sub>2</sub>O=1): ~1  
pH of Concentrate: 11.5-12.0

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

**Flash Point (Tag, Closed Tester):** >200°F

**Flammable Limits:** LEL UEL  
N/A N/A

**Extinguishing Media:** Product is not combustible. Use media appropriate for materials actually involved in fire.

**Special Fire Fighting Procedures:** None.

**Unusual Fire and Explosion Hazards:** None.

### 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:**
  - By Inhalation: - N/A
  - By Eye Contact - Irritation.
  - By Ingestion - Gastrointestinal irritation, nausea, vomiting.
  - By Skin Contact - Possible irritation, dermatitis.
- **Chronic:** Prolonged or repeated contact may cause irritation, dermatitis.
- **Medical Conditions Generally Aggravated by Exposure:** Pre-existing skin disorders.

### Emergency and First Aid Procedures:

For Inhalation -N/A  
For Eye Contact -Flush with water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention if irritation persists.  
For Ingestion -Drink several glasses of milk or water. Get medical attention if symptoms persist.  
For Skin Contact -Immediately flush thoroughly with water. If irritation persists, get medical attention.

### SECTION VI -- REACTIVITY DATA

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

### SECTION VII -- SPILL OR LEAK PROCEDURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Add absorbent; remove with shovel. Or, wash away with water.

**Waste Disposal Method:** Small amounts may be flushed to sewer. Larger amounts should be consigned to a waste hauler. Dispose of all waste in accordance with local, State, and Federal regulations.

**Hazardous Waste Classification:** N/A

### SECTION VIII -- SPECIAL PROTECTION INFORMATION

#### For Handling Product as Supplied:

Respiratory Protection -Not normally needed.  
Ventilation -Normal ventilation satisfactory.  
Protective Gloves -NBR or rubber.  
Eye Protection -Chemical splash goggles.  
Other Protective Equipment -If splashing occurs when handling concentrate, wear impervious apron and/or clothing as required to avoid skin contact.

#### For Handling Product After Dilution For Use:

Respiratory Protection -Not normally needed.  
Ventilation -Normal ventilation satisfactory.  
Protective Gloves -Not normally needed.  
Eye Protection -Not normally needed.  
Other Protective Equipment -Not normally needed.

### SECTION IX -- SPECIAL PRECAUTIONS

**Precautions To Be Taken In Handling And Storing:** Store in a cool, dry location. Store away from acids.

**Other Precautions:** Wash hands thoroughly after use.

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