

The ServiceMaster Company  
One ServiceMaster Way  
Downers Grove, IL 60515

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

**GlassClene Pro**  
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**SECTION I**

Product (Trade) Name  
Manufacturer's Name  
Address  
Emergency Telephone No  
Chemical Name and Synonyms  
Chemical Family

GlassClene Pro  
The ServiceMaster Company  
One ServiceMaster Way  
Downers Grove, IL 60515  
1/800/333-6678  
N/A  
N/A  
N/A

Formula  
DOT Hazard Class  
DOT ID Number

Flammable Liquid,  
M.O.S. (Isopropyl  
Alcohol)  
NA1993

**SECTION II -- HAZARDOUS INGREDIENTS**

Ingredient	C.A.S. No.	Wt. by %	OSHA PEL	TLV-TWA	Other Limit	Listed As Carcinogenic By IARC, NTP OSHA, ACGIH
Propylene glycol	107-98-2	10-20	100ppm	100ppm	150ppm	No
monomethyl ether	1336-21-6	1-5	N/E	25ppm	35ppm	No
Ammonium hydroxide (isopropyl alcohol)	67-63-0	5-10	400ppm	400ppm	500ppm	No

Use exposure limits set for Ammonia (CAS # 7664-41-7) 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(f).

**SECTION III -- PHYSICAL DATA**

Boiling Point (°F):	177	Specific Gravity (H <sub>2</sub> O = 1):	0.97
Vapor Pressure (mm Hg):	N/D	% Volatile by Weight:	99
Vapor Density (Air = 1):	>1	Evaporation Rate:	>1
pH of Concentrate:	11.5	pH Diluted for Use:	10.8
Solubility in Water:	infinite	Appearance and Odor:	Bluish solution with ammonia odor

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

Flash Point (Tag, Closed Tester): 10-J F  
Flammable Limits: LEL UEL  
N/A N/A

Extinguishing Media: Water fog, CO dry chemical.  
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: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot light, other flames, sparks, etc. at locations distant from material handling point.

**SECTION V -- HEALTH HAZARD DATA**

Primary Route(s) of Exposure: Inhalation.  
Threshold Limit Value: N/D for mixture. See Section II for TLV's of hazardous ingredients.  
Effects of Overexposure:  
Acute:  
By Inhalation: Irritation of respiratory tract, nausea, dizziness, headache.  
By Eye Contact: Irritation.  
By Ingestion: Gastrointestinal irritation, cramps, nausea, vomiting, drowsiness, unconsciousness.  
By Skin Contact: May cause irritation.  
Chronic: Irritation of respiratory tract, skin, eyes.  
Medical Conditions Generally Aggravated by Exposure: Pre-existing skin or respiratory disease.

**Emergency and First Aid Procedures:**

- For Inhalation: Move to fresh air. If affected person is not breathing, give artificial respiration and get medical attention.
- For Eye Contact: Flush with water for at least 15 minutes lifting upper and lower lids occasionally. Get medical attention if symptoms persist.
- For Ingestion: Promptly induce vomiting and get medical attention.
- For Skin Contact: Immediately flush skin with water for at least 15 minutes. Remove contaminated clothing and launder before reuse.

**SECTION VI -- REACTIVITY DATA**

Stability: Stable  
Conditions to Avoid: None known.  
Incompatibility (Materials to Avoid): Chlorine bleaches or other active chlorine.  
Hazardous Decomposition Products: On combustion, carbon dioxide, carbon monoxide, and other unidentified products of combustion.  
Hazardous Polymerization: Will not occur.

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

Steps To Be Taken In Case Material Is Released Or Spilled: For large spills, eliminate all sources of ignition first. Add absorbent and remove with shovel. Or, pick up smaller amounts with a mop and bucket and rinse away residues with water.  
Waste Disposal Method: Dispose of large quantities as ignitable hazardous waste. Consign to a licensed waste hauler. Small amounts may be allowed to evaporate in an outdoor location away from sources of ignition.  
Hazardous Waste Classification: D001

**SECTION VIII -- SPECIAL PROTECTION INFORMATION**

For Handling Product as Supplied:  
Respiratory Protection: If TLV is exceeded, use a NIOSH-approved respirator with cartridges for ammonia and organic vapors.  
Ventilation: Use with sufficient ventilation to maintain exposure below TLV.  
Protective Gloves: NBR or rubber.  
Eye Protection: Chemical splash goggles.  
Other Protective Equipment: If splashing may occur when handling concentrate, wear impervious apron and/or clothing as needed to prevent skin contact.

**SECTION IX -- SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling And Storing: Keep containers closed. Keep away from heat, sparks, and open flame.  
Other Precautions: Empty container may be hazardous. Rinse thoroughly before disposal.

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