

The ServiceMaster Company  
One ServiceMaster Way  
Downers Grove, IL 60515

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

Trisodium Phosphate  
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**SECTION I**

Product (Trade) Name - Trisodium Phosphate  
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  
Formula N/A  
DOT Hazard Class N/A  
DOT ID Number 1400

**SECTION II -- HAZARDOUS INGREDIENTS**

Ingredient	CAS No.	Wt. by %	OSHA PEL	ACGIH TLV-TWA	Other Limit	Listed As Carcinogenic By IARC, NTP, OSHA, ACGIH
Trisodium phosphate	10101-89-0	100	N/A	N/A	10mg/m <sup>3</sup>	No

Material dust  
to be combined 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% of the total mass in a liquid, semi-solid, or slurry. Information concerning ingredients identified as "Proprietary" will be made available as provided in 29 CFR 1910.1200(h).

**SECTION III -- PHYSICAL DATA**

Boiling Point at 1 Atm. N/A  
Vapor Pressure (mm Hg) N/A  
Specific Gravity (H<sub>2</sub>O = 1) N/A  
Vapor Density Air = 1 N/A  
Evaporation Rate (H<sub>2</sub>O = 1) N/A  
Solubility in Water 4% by weight  
pH of Concentrate N/A  
Appearance and Odor White granules or powder with no odor.

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

Flash Point (Tag, Closed Tester): N/A  
Flammable Limits: LEL UEL  
N/A N/A  
Extinguishing Media: Noncombustible. Use media appropriate to material actually involved in fire.  
Special Fire Fighting Procedures: N/A  
Unusual Fire and Explosion Hazards: Materials aqueous solutions corrosive to aluminum, galvanized iron, and zinc and may generate flammable hydrogen gas as a result of this reaction.

**SECTION V HEALTH HAZARD DATA**

Primary Route(s) of Exposure: Skin contact, inhalation.  
Threshold Limit Value: N/D for mixture. See Section II for TLV's of hazardous ingredients.  
Effects of Overexposure:  
Acute By Inhalation: Moderate to severe irritation. Excessive exposure can cause tissue burns.  
By Eye Contact: Moderate to severe irritation. May cause chemical burns.  
By Ingestion: Irritation or burning of mouth, throat, and gastrointestinal tract. May cause nausea and vomiting.  
By Skin Contact: Can cause moderate to severe irritation and chemical burns.  
Chronic: None known.  
Medical Conditions Generally Aggravated by Exposure: Some pre-existing skin diseases.

Emergency and First Aid Procedures:  
For Inhalation: (of dust or mist) Remove to fresh air. If irritation persists, get medical attention.  
For Eye Contact: Flush thoroughly with water for 15 minutes, lifting upper and lower lids occasionally to ensure flushing of entire eye surface. See a doctor if irritation persists.  
For Ingestion: DO NOT induce vomiting. Rinse out mouth with water. Drink several glasses of water or milk. Get medical attention.  
For Skin Contact: Wash affected area with large amounts of cool water. If irritation persists, see a doctor.

**SECTION VI -- REACTIVITY DATA**

Stability: Stable  
Incompatibility (Materials to Avoid): Aqueous solution may react with aluminum, galvanized iron, and zinc.  
Hazardous Decomposition Products: None  
Hazardous Polymerization: Will not occur.

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

Steps To Be Taken In Case Material Is Released Or Spilled: Sweep, scoop, or vacuum up all spilled material, contaminated soil, and other contaminated material and place in containers. If possible, do not use water in the cleanup process. After all possible dry cleanup has been done, residual contamination can be flushed away with large amounts of water.  
Waste Disposal Method: Non-salvageable material should be consigned to a waste hauler for disposal at an approved treatment, storage, or disposal facility. Dispose of all waste in accordance with local, State, and Federal regulations.  
Hazardous Waste Classification: None

**SECTION VIII -- SPECIAL PROTECTION INFORMATION**

For Handling Product as Supplied:  
Respiratory Protection: If handling produces dust, use a NIOSH-approved dust mask.  
Ventilation: Provide local exhaust if necessary to control dust.  
Protective Gloves: NBR or rubber.  
Eye Protection: Chemical splash goggles recommended if handling produces dust.  
Other Protective Equipment: Not normally required.

**SECTION IX -- SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling And Storing: Store in a dry area to prevent caking.  
Other Precautions: None

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