

## 01 Product Information

**Manufacturer's Name** Santec Inc.  
**Address** 1420 East Linden Ave, Linden NJ 07036  
**Phone Number** 908-912-2500  
**Name** one  
**Generic Name** machine dish detergent  
**Chemical Family** machine detergent cleaner  
**Formula** Proprietary

## 02 Ingredient Information

Chemical Name	CAS No.	WT.%	PEL	TWA-TLV	STEL-TLV
Potassium Hydroxide	1310-58-3	20 - 40	N/A	N/A	N/A
Tetrapotassium Pyrophosphate	7320-34-5	5 - 15	N/A	N/A	N/A

No other hazardous ingredients as per 29 CFR 1910.1200

## 03 Physical Data

**Vapor Pressure** 20mm Hg @ 68°F  
**Solubility in Water** Complete  
**% Volatile** 75 +  
**pH** 13  
**Evaporation Rate (Water=1)** <1  
**Vapor Density (Air=1)** >1  
**Specific Gravity** 1.28  
**Physical Description** Clear, water thin, colorless liquid with bland odor

## 04 Fire and Explosion Hazard Data

**Flash Point (Method Used)** none  
**Extinguishing Media** Use any means suitable for extinguishing surrounding fire. Avoid direct contact of liquid with water.  
**Special Firefighting Procedures** Wear full protective clothing and self-contained breathing apparatus in confined areas.  
**Unusual Fire and Explosion Hazards** None Known

## 05 Reactivity Data

**Stability** Stable  
**Hazardous Decomposition Products** Phosphorous oxide  
**Hazardous Polymerization** none  
**Incompatibility (Materials to avoid)** Strong acids, aluminum, tin, zinc, chlorinated hydrocarbons, acetone

## 06 Storage and Handling Information

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin, and clothing. Wear rubber gloves and protective wear when handling. Avoid breathing vapors. Use in well ventilated area.

## 07 Health Hazards and First Aid

**Effects of Overexposure**  
**Skin:** Skin irritant, possibly corrosive upon prolonged contact. Soreness, redness, and destruction of skin may result.  
**Eyes:** Eye irritant, possibly corrosive to eye tissues.  
**Inhalation:** Respiratory tract irritant. Vapors can be irritating to the nose, throat, and lungs.  
**Ingestion:** May cause severe damage to the mouth, throat, and gastrointestinal system. General gastro-intestinal upset can be expected.

**First Aid Procedures**  
**Skin:** Flush with plenty of water for 15 minutes. Seek medical attention if symptoms persist.  
**Eyes:** Flush with large quantities of water, holding eyelids open for at least 15 minutes. Seek medical attention immediately.  
**Inhalation:** Get to fresh air. Seek medical attention if symptoms persist.  
**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

## 08 Spill or Leak Procedures

**Steps to be taken in case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold for disposal. Avoid discharge to sewers or open waterways.

**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose in storm drain, stream, river, or to ground. Rinse container thoroughly before discarding in trash.

## 09 Special Protection Information

<b>Respiratory Protection</b>	Use in well-ventilated area.
<b>Ventilation Requirements</b>	Provide local exhaust to keep TLV section of 2 ingredients below acceptable limit.
<b>Eye Protection</b>	Safety glasses with side shields and/or full face shield where splashing is possible.
<b>Protective Gloves</b>	Chemical resistant rubber.
<b>Other Protective Equipment</b>	Chemical suit and rubber boots. Eyewash station should be provided nearby.

## 10 Regulatory Information

<b>SARA Title III - Section 311/312 - Hazard Categories</b>	Fire Hazard	<b>NO</b>
	Sudden Release of Pressure	<b>NO</b>
	Reactivity Hazard	<b>YES</b>
	Immediate (acute) Health Hazard	<b>YES</b>
	Delayed (chronic) Health Hazard	<b>NO</b>

**Shipping Information**      Compounds, cleaning liquid (potassium hydroxide) 8, UN 1760, PG III

<b>HMIS Hazardous Materials Identification System</b>	<b>Health</b>	<b>2</b>
	<b>Reactivity</b>	<b>1</b>
	<b>Flammability</b>	<b>0</b>
	<b>Personal</b>	<b>D</b>

**EMERGENCY PHONE #**      **Chemtrec 800-424-9300**

## 11 Other Information

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damage or loss incurred from the improper handling and use of this product.