

01 Product Information

Manufacturer's Name	Santec Inc.
Address	1420 Linden Ave, Linden NJ 07036
Phone Number	908-912-2500
Name	Zirconium
Generic Name	Metal Cleaner
Chemical Family	N/A
Formula	Proprietary

02 Ingredient Information

Chemical Name	CAS No.	WT.%	PEL	TWA-TLV	STEL-TLV
Silicic acid, disodium salt	6834-92-0	20 - 40	15 mg/m3	10 mg/m3	N/A
Carbonic acid, disodium salt	497-19-8	20 - 40	5 mg/m3	N/A	N/A
Pyrophosphoric acid, tetrasodium salt	7320-34-5	5 - 15	N/A	5 mg/m3	N/A

No other hazardous ingredients as per 29 CFR 1910.1200

03 Physical Data

Vapor Pressure	N/A
Solubility in Water	Partially soluble
pH (1%)	11 - 12
% Volatile	N/A
Evaporation Rate (Water=1)	N/A
Vapor Density (Air=1)	N/A
Bulk Density	N/A
Physical Description	White granular powder, odorless

04 Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A
Extinguishing Media	All extinguishing media
Special Firefighting Procedures	Chemical goggles, body-covering protective clothing, chemical resistant gloves, rubber boots.
Unusual Fire and Explosion Hazards	See Sections 5 and 7

05 Reactivity Data

Stability	Stable
Hazardous Decomposition Products	Carbon and phosphorous oxides
Hazardous Polymerization	None known
Incompatibility (Materials to avoid)	Acids

06 Storage and Handling Information

Keep out of reach of children. For use by trained personnel only. Keep container closed tightly during storage. Store in a cool, ventilated area, away from exposure to sunlight. For institutional and industrial use only. Separate from acids. For institutional and industrial use only. Avoid contact with eyes, skin, and clothing. Wear rubber gloves and protective wear, including full face shield, when handling. Avoid breathing vapors. Use in well ventilated area.

07 Health Hazards and First Aid

Effects of Overexposure

Skin: Causes skin burns.

Eyes: Causes eye burns. Direct contact with eyes can cause irreversible damage, including blindness.

Inhalation: May cause irritation or burns to respiratory system or gastro-intestinal tract. Symptoms may include burning, coughing and sneezing.

Ingestion: Harmful if swallowed. May cause burns to the mouth, throat and stomach.

First Aid Procedures

Skin: Flush affected skin with plenty of soap and water. Seek medical attention if irritation persists.

Eyes: Flush with large quantities of water, holding eyelids open for 15 minutes. Seek medical attention immediately.

Inhalation: Remove to fresh air. If symptoms observed, get medical attention immediately.

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 sewer 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

Respiratory Protection	Use with adequate ventilation. If ventilation is inadequate, use NIOSH approved respirator.
Ventilation Requirements	Provide local exhaust as necessary.
Eye Protection	Wear chemical goggles and face shield where risk of exposure to splashes occurs.
Protective Gloves	Chemical resistant rubber.
Other Protective Equipment	Wear apron or coverall where risk of exposure to splashes occurs.

10 Regulatory Information

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

Shipping Information DOT Not regulated

HMIS Hazardous Materials Identification System	Health	2
	Reactivity	0
	Flammability	0
	Personal	C

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