



# Safety Data Sheet

F-10

## Section 1 Identification

**Trade Name:** F-10 **Date Prepared:** 02/05/2016  
**Product Identification:** PTS-F10  
**Synonyms:** None **CAS No:** Mixture  
**Product Use Description:**  
Industrial Cleaner

### Details of the supplier of the safety data sheet

Pressure Tek Sales  
905 Canterbury Road **Phone:** (440) 250-2144  
Unit F  
WESTLAKE, OH 44145 US **website:** www.pressuretek.com

### Emergency telephone number

Infotrac (800) 535-5053 (US & Canada)  
(352) 323-3500

## Section 2 Hazards Identification

**GHS Classification:** Oxidizing Solid Category 2  
Acute Toxicity Oral Category 4  
Skin Corrosion/Irritation Category 1  
Serious Eye Damage/Irritation Category 1

### GHS label elements:



Oxidizing Irritant Corrosive

**Signal Word:** Danger

### Hazard Statements:

**H272** May intensify fire  
**H302** Harmful if swallowed  
**H314** Causes severe skin burns and eye damage  
**H318** Causes serious eye damage

### Precautionary Statements:

#### Prevention

**P210** Keep away from heat and open flames. No smoking.  
**P220** Store away from combustible materials.  
**P260** Do not breathe dust.  
**P264** Wash skin thoroughly after handling.  
**P270** Do not eat, drink or smoke when using this product.  
**P280** Wear protective gloves, protective clothing and eye protection or face protection.

#### Response

**P301 + P312** IF SWALLOWED: call a POISON CENTER or physician IF you feel unwell.  
**P301 + P330 + P331** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
**P303 + P361 + P353** IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water.  
**P304 + P340** IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.



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**P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P310** Immediately call a POISON CENTER or physician.

**P363** Wash contaminated clothing before reuse.

### Storage

**P405** Store locked up.

### Disposal

**P501** Dispose of contents/container to an approved waste disposal plant.

### Hazards Not Otherwise Classified (HNOC):

None.

### Additional Information:

None.

## Section 3 Composition

Chemical Name	Common name and synonyms	CAS #	%
sodium percarbonate		15630-89-4	70 - 75
trisodium phosphate		7601-54-9	5 - 10
sodium carbonate		497-19-8	15 - 20

## Section 4 First Aid

### General:

Move out of dangerous area. Perform first aid measures as indicated. Seek medical attention and show this safety data sheet to attending physician.

### Inhalation:

Move to fresh air and keep at rest in a position comfortable for breathing. If breathing difficulty occurs or persists seek medical attention. If not breathing give artificial respiration and seek immediate medical attention.

### Skin contact:

Immediately flush exposed skin with water for at least 15 minutes while removing contaminated clothing and/or shoes. Thoroughly wash with soap and water. Seek medical attention if irritation develops or persists.

### Eye contact:

Immediately flush eyes with water for at least 15 minutes, lifting the upper and lower eyelids intermittently. Check for and remove any contact lenses if easy to do. Seek immediate medical attention.

### Ingestion:

Rinse mouth with water. Do not induce vomiting. Seek medical attention if symptoms develop.

### Most important symptoms and effects both acute and delayed:

No information available.

### Indication of any immediate medical attention and special treatment needed:

No information available.

## Section 5 Fire Fighting Measures

### Suitable Extinguishing Media:

Use extinguishing media suitable for surrounding fire or source of fire. Use water spray to cool fire exposed containers.

### Unsuitable Extinguishing Media:

No information available.

### Specific hazards developing from the chemical:

In fire conditions, oxidizer portion of material may intensify fire. Combustion may produce oxides of nitrogen and other unidentified chemical compounds.

### Precautions for firefighters:

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No information available.

**Firefighting Instructions:**

No information available.

**Protection During Firefighting:**

Wear full protective gear and full face pressure demand self-contained breathing apparatus.

**Other information:**

No additional information available.

## Section 6 Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Avoid direct contact with skin, eyes and clothing. Avoid inhalation of mist, vapor or dust. Wear appropriate personal protective equipment as outlined in Section 8 of this SDS.

**Environmental precautions:**

Prevent further leakage or spillage if safe to do so. Contain spilled material and prevent run-off onto ground or into water sources or sewers.

**Methods and material for containment and cleaning up:**

Sweep up spilled material and place in suitable container for disposal. Dispose of spilled/collected material in accordance with all federal, state and local regulations.

## Section 7 Handling and Storage

**Precautions for safe handling:**

Avoid contact with skin and eyes. Avoid inhalation of mist, vapor and dust. Ensure adequate ventilation. Do not eat, drink or smoke while handling. Wear appropriate personal protective equipment as outlined in Section 8 of this SDS.

**Conditions for safe storage, including any incompatibilities:**

Store in original container. Keep container tightly closed. Store at room temperature (50-90 F) in a dry well-ventilated area.

## Section 8 Exposure Controls/Personal Protection

**Exposure limits:**

Ingredient	Data Source	Exposure Form	Exposure Value	Exposure Notes
sodium carbonate	ACGIH TLV		Not Established	
	OSHA PEL		Not Established	
sodium percarbonate	ACGIH TLV	TWA	Not Established	
	OSHA PEL	TWA	Not Established	
trisodium phosphate	ACGIH	TWA	10 mg/m3	
	OSHA PEL	TWA	15 mg/m3	

**Appropriate Engineering Controls:**

Use local and/or general exhaust ventilation to maintain airborne concentrations below irritating levels or exposure limits. An eyewash and safety shower should be available in the work area.

**Individual protection measures:**

**Eye/face protection:**

Chemical goggles or face shield should be worn when handling this material.

**Skin protection:**

**Hand Protection:**

Wear chemical resistant gloves when handling.

**Other:**

Wear chemical resistant clothing or chemical splash suit when handling.

**Respiratory Protection:**

Wear respiratory protection if dust is produced, while using this material.

**General hygiene considerations:**

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Follow good hygiene and safety practice. Wash hands and exposed skin before breaks and at the end of the work day. Do not eat, drink or smoke while handling this material. Do not wear contaminated or dirty clothing home from the work-site. Launder contaminated or dirty clothing before reuse.

**Additional information:**

No additional information available.

## Section 9 Physical and Chemical Properties

Appearance	White Powder
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting/freezing point	Not available.
Initial boiling point	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Lower flammability limit	Not available.
Upper flammability limit	Not available.
Lower explosive limit	Not available.
Upper explosive limit	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility in water	Not available.
PC: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Density	Not available.
Specific gravity	Not available.

## Section 10 Stability and Reactivity

<b>Reactivity :</b>	Can promote combustion under fire conditions.
<b>Chemical stability :</b>	Can be unstable when exposed to heat and moisture.
<b>Hazardous reactions :</b>	Hazardous polymerization will not occur under normal handling and storage.
<b>Conditions to avoid :</b>	Avoid excessive heating, freezing and chemical contamination. Avoid temperatures above 100°F (38°C). Avoid contact with water and excess humidity.
<b>Decomposition products:</b>	No decomposition products are expected under normal storage and handling conditions.
<b>Incompatible materials:</b>	Avoid contact with strong acids. Avoid contact with oxidizers and strong bases. Avoid contact with reducing agents, metals, organic materials and excessive heat.

## Section 11 Toxicological Information

**Information on the likely routes of exposure:**

**Inhalation:**

Dust may cause irritation.

**Skin Contact:**

This material may cause irritation of the skin and may cause burns.

**Eye Contact:**

This material may cause irritation of the eyes and can cause burns.

**Ingestion:**

This material may cause irritation and burns upon ingestion.

**Symptoms related to the physical, chemical and toxicological characteristics:**

No information available.



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**Delayed and chronic effects:**

No information available.

**Numerical measures of toxicity:**

Components	Exposure	Species	Dose	Notes
<b>sodium percarbonate:</b>				
Oral	LD50	Rat	1034 mg/kg	
Dermal	LD50	Rabbit	>2000 mg/kg	
<b>sodium carbonate:</b>				
Oral	LD50	Rat	4090 mg/kg	
Inhalation	LC50	Rat	5757 mg/l	
<b>trisodium phosphate:</b>				
Oral	LD50	Rat	>7400 mg/kg	

**Toxicological effects:****Acute Toxicity:**

Mixture:

No information available.

**Skin Corrosion/Irritation:**

Mixture:

No information available.

**Serious Eye Damage/Irritation:**

Mixture:

No information available.

**Respiratory sensitization:**

Mixture:

No information available.

**Skin sensitization:**

Mixture:

No information available.

**Germ cell mutagenicity:**

Mixture:

No information available.

**Carcinogenicity:**

Mixture:

*This product is considered to be a potential carcinogen by:*

NTP: No

OSHA: No

IARC: No

**Reproductive toxicity:**

Mixture:

This product is not expected to cause reproductive and developmental effects.

**STOT-single exposure:**

Mixture:

No information available.

**STOT-repeated exposure:**

Mixture:

No information available.

**Aspiration hazard:**

Mixture:

This product is not an aspiration hazard.

**Additional information:**

None.

## Section 12 Ecological Information

**Ecotoxicity:**

No information available.

**Numerical measures of ecotoxicity:**

Components	Type	Species	Dose	Notes
<b>sodium percarbonate:</b>				

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Fish	LC50	Pimephales promelas	70.7 mg/l	96 hr
Invertebrates	EC50	Daphnia pulex	4.9 mg/l	24 hr
<b>sodium carbonate:</b>				
Fish	LC50	Bluegill	300 mg/l	96 hr
<b>trisodium phosphate:</b>				
Fish	LC50	Mosquito Fish	28.5 mg/l	96 hr

**Persistence and degradability:**

Mixture:

No information available.

**Bioaccumulative potential:**

Mixture:

No information available.

**Mobility in soil:**

Mixture:

No information available.

**Other adverse effects:**

Mixture:

No information available.

**Additional information:**

No information available.

## Section 13 Disposal Considerations

**Disposal instructions:**

Dispose of material in accordance with all federal, state and local regulations.

**Contaminated packaging:**

No information available.

**Additional Information:**

No additional information available.

## Section 14 Transport Information

**DOT:**

UN number: UN1479

UN proper shipping name: UN1479, Oxidizing Solid, N.O.S. (Sodium Carbonate Peroxyhydrate), 5.1, PGIII

Class: 5.1

Subsidiary risk: none

Label(s): 5.1

Packing group: III

Packaging exceptions: none

## Section 15 Regulatory Information

**Federal regulations:**

**SARA 311/312 Hazard categories:**

Immediate (Acute) Health Hazard

**SARA 302 Extremely hazardous substance:**

Not listed.

**SARA 304 Emergency release notification:**

Not regulated.

**SARA 311/312 Hazardous chemical:**

No

**SARA 313 Toxic Release Inventory (TRI) report:**

Not regulated.

**CERCLA Hazardous substance list:**

Not Listed.

**Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA):**

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**Clean Air Act regulated substances:**

None.

**Clean Water Act regulated substances:**

None.

**U.S. state regulations:**

None.

**Canadian regulations:**

**Canadian Ingridient Disclosure List substances:**

None listed.

**WHMIS classification:**

sodium carbonate

Class D-2B

Class E

## Section 16 Other Information

**HMIS hazard ID:**

<b>HEALTH</b>	2
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	1
<b>PERSONAL PROTECTION</b>	F

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; \*-Chronic health effect

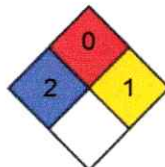
**NFPA hazard ID:**

Flamability:

Health:

Reactivity:

Special hazard:



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

**Disclaimer:** This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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