

Material Safety Data Sheet
Product: PCT 5410

Issue date: 08/08/97
Revisions : 05/01/08

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: PCT 5410
Chemical Formula: Proprietary
CAS Number: none, mixture
Other Designations: none
General use: Boiler treatment compound
Manufacturer: ProChemTech International, Inc.
51 ProChemTech Drive
Brockway, PA 15824
Emergency Phone: 800-255-3924
Information Phone: 814-265-0959

Section 2 - HCS Hazardous Ingredients Information

Ingredient Name	CAS Number	%/wt
no HCS hazardous ingredients present		

Health Hazards Data

Ingredient Name	OSHA PEL	ACGIH TLV	NIOSH REL
no HCS hazardous ingredients present			

Section 3 - Hazards Identification

Primary Entry Routes: ingestion, skin and eye contact

Acute Effects

Inhalation: not expected to be hazardous

Eye: corrosive, burning on contact

Skin: corrosive, reddens on prolonged contact

Ingestion: toxic if ingested

Carcinogenicity: IARC, NTP and OSHA do not list product as carcinogen

Medical Conditions Aggravated by Long Term Exposure: none

Chronic Effects: none

Section 4 - First Aid Measures

Inhalation: Remove to fresh air.

Eye Contact: Flush eyes with fresh water for 15 minutes. Consult physician.

Skin Contact: Wash affected area with water.

Ingestion: Give milk to dilute, and induce vomiting. Consult a physician.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

Flash Point: non-flammable

Flash Point Method: NA

LEL: none UEL: none

Flammability Classification: Non-flammable

Extinguishing Media: none, will not burn

Unusual Fire or Explosion Hazards: none

Hazardous Combustion Products: none known

Instructions: none

Section 6 - Accidental Release Measures

Spill/Leak Procedures: Spills should be contained and cleaned up via absorbents and mopping.

Regulatory Requirements: Follow applicable USEPA, state and local guidelines.

Section 7 - Handling and Storage

Handling Precautions: Practice routine industrial hygiene. Follow PIB directions, label directions, and specific application instructions provided by PCT servicemen.

Storage Requirements: Store in cool, dry location.

Regulatory Requirements: none

Section 8 - Exposure Controls/Personal Protection

Ventilation: Provide general or local exhaust.

~~Administrative Controls: none~~

Respiratory Protection: Seek professional advice prior to respirator selection and use.

Protective Clothing/Equipment: Gloves and chemical safety glasses recommended during use.

Safety Stations: Make emergency eyewash stations, safety/quick drench showers, and washing facilities available in work area.

Contaminated Equipment: Wash or rinse with fresh water prior to reuse.

Comments: Practice good personnel hygiene when using this product.

Section 9 - Physical and Chemical Properties

Physical State: liquid

Appearance: clear, yellow liquid

Boiling Point: 212F

Freezing Point: no data

Evaporation Rate: no data

Water Solubility: 100%

Odor: amine

Vapor Pressure: NA

Specific Gravity: 1.00

neat pH: 10.8

Section 10 - Stability and Reactivity

Stability: Product is stable.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: strong acids and oxidizers

Conditions to Avoid: high temperature storage

Hazardous Decomposition Products: none known

Section 11 - Toxicological Information

Toxicity Data

Eye Effects: corrosive, burning on contact

Skin Effects: corrosive, reddens skin

Acute Inhalation Effects: no data

Acute Oral Effects: toxic

Carcinogenicity: non-carcinogenic

Mutagenicity: no data

Teratogenicity: no data

Section 12 - Ecological Information

Ecotoxicity: no data

Environmental Fate

Environmental Transport: no data

Environmental Degradation: biodegradable

Soil Absorption/Mobility: no data

Section 13 - Disposal Considerations

Disposal: Product should be disposed of by discharge to the sanitary sewer, or landfilled.

Disposal Regulatory Requirements: none

Container Cleaning and Disposal: Three washes or return to ProChemTech International, Inc.

Section 14 - DOT Transport Information

NOT REGULATED

Shipping Name: boiler water treatment compound

Shipping Symbols:

Hazard Class:

ID Number:

Packing Group:

Label:

Other:

Section 15 - Regulatory Information

USEPA:

RCRA Hazardous Waste: not listed

RCRA Hazardous Waste Classification: not classified

CERLA Hazardous Substance: not listed

CERCLA Reportable Quantity: none

SARA 311/312 Codes: not listed

SARA Toxic Chemical: not listed

SARA EHS: not listed

OSHA HCS: not listed

TSCA: all components listed

Air Contaminant: not listed

State Regulations: none noted

DOT: non-hazardous