

T.C. 130 Neutralizer

PRIMARY APPLICATION

T.C. 130 is a liquid alkaline product designed for neutralizing acidic solutions prior to disposal. It may also be used to regulate the pH of water in air conditioning units, water cooling towers, waste effluent systems, evaporative condensers, and other similar water systems.

CHEMICAL CHARACTERISTICS

Chemical composition	Inorganic alkali
Physical form	As received: clear liquid As used: clear solution
Odor	None
Specific gravity	1.495 at 68°F
Bulk density	12.5 lbs/gal
Viscosity	45 to 55 cps (Brookfield, Spindle No. 1) at 68°F, 60 RPM
Flash point	None
Foaming tendency	None
Recommended diluent	Water
Maximum solubility	Complete
Behavior in hard water	Possible precipitation
Rinseability	Fair
Biodegradable	Not applicable
Phosphate free	Yes
Normal working concentrations	See application procedure
Normal working temperatures	75°F to 120°F
pH at working concentrations	Not applicable
Effect of prolonged boiling	None
Effect of working solutions on metals	Used as recommended, T.C. 130 is safe on all metals

APPLICATION PROCEDURE

T.C. 130 is added slowly to solutions being neutralized. In most cases this will be done manually.

Concentrations of T.C. 130 required are determined by titrating the acidic waste or system water to be treated.

NOTES ON USE

Never add T.C. 130 to hot solutions. Allow solutions to cool to 110°F-120°F before making additions. Spread additions lightly over surface of solution, rather than concentrating at one spot. Stir lightly.

Safety and Handling Precautions

T.C. 130 contains highly alkaline ingredients. Causes burns of skin and eyes. Avoid contact with skin, eyes and clothing. Wear rubber gloves and safety goggles or face shield when handling. Avoid breathing mist.

First Aid

In case of contact with skin or eyes, immediately flush affected area with plenty of water for at least 15 minutes; for eyes, get medical attention.

DISPOSAL

Disposal methods will vary depending upon the materials in solution. Generally, once neutralized, the solution may be discharged into local sewage systems.

PACKAGING

Packaged in non-returnable 55-gallon steel drums.

SHIPMENT

May be shipped by any common carrier. Freight classification is "Industrial Process Water Treating Compounds – Corrosive Liquid". White label – Alkaline Caustic Liquid.

STORAGE

Suitable for general indoor storage.

Effect of high temperature storage

None

Effect of low temperature storage

Will freeze at 40°F, thaws at 52°F
(is restored upon thawing)

Effect of aging

None