



## CTI 301-50 H.D.

### Cement, Lime, Rust, Scale & Concrete Remover

- A) **Product Introduction:** CTI 301-50 H.D. is a concentrated ready to use complex liquid formulation of environmentally friendly acids with unique fume suppressants and stable biodegradable wetting agents. CTI 301-50 H.D. is inhibited against metal substrate corrosion by 99.9%.
- B) **Process Introduction:** CTI 301-50 H.D. formula effectively removes heavy deposits of residual cement, concrete, mortar, rust, scale, lime, drywall compound, stucco and plaster with minimal time and effort. It is designed for the construction industry to clean equipment used in hauling cement, on-site process mixers, ready mix trucks and chutes. It is used for the clean up of splatter, tools, forms, wheelbarrows, etc.
- C) **Application Procedure:**  
**Small Tools:** For cleaning of small tools in the maintenance shop or off-site, use a plastic tray and brush. Pour the remaining liquid back into the original shipping container.  
**Large Tools and Equipment Cleaning Method:** Apply product with an approved Chemical Applicator System or Plastic Pump Sprayer. **CAUTION: Do not spray CTI 301-50 H.D. directly onto a hot surface since it will result in stains or damage.** Use a pressure washer and walk around the whole unit being treated and thoroughly cool and wet the entire surface on a hot sunny day or any other time. The best time is in the morning or evening, or in a controlled environment. Apply the chemical solution as a spray to the entire body starting from the top and working down. Assure complete thin film coverage. Once the application is complete, re-apply the product to the remaining heavy encrustation and allow approximately a 5-minute chemical exposure time. Exposure time is directly proportional to chemical thickness. Brushing is optional.  
Rinse the entire body with high-pressure water starting at the bottom and consistently moving with a 10-inch fan or less in a horizontal pattern until the top is reached. Then rinse all residual chemical solution thoroughly from the top down. It is recommended to use the down stream chemical injection device on the power washer i.e CTI 710 H.D. to neutralize excess acid and to control the pH of ground contamination, storm and sanitary sewer systems. This cleaning process does not generate hazardous waste.
- D) **Precautionary Notes:** Do not let any chemical solution dry on any surface (concentrate may cause irreversible damage), be careful to protect people, plants and animals, stationary and mobile property from wind drift. Accessories on finished products, such as light assemblies, reflectors, glass and mirrors, plastics, brass, stainless steel, hard chrome, decals, logos, wood, tarps mud flaps or rubber tires are not altered or defaced by this chemical solution when used according to directions.