

# TETRA-CHEM INDUSTRIES LTD.



**SPECIALTY  
CHEMISTRY**

**INNOVATIVE  
ENGINEERING**

**APPLICATION  
TECHNOLOGY**

**WASTE MANAGEMENT  
SERVICES**

**71 JOHN ST. E., BRIGHT, ON CANADA NOJ 1B0**

**TEL: (519) 454-4370 (888) 658-5515 FAX: (519) 454-4362  
WEB SITE: www.tetra-chem.com EMAIL: info@tetra-chem.com**

**Check out our Web Site !  
www.tetra-chem.com**

## PRODUCT APPLICATION PRESENTATION

**PRODUCT IDENTIFIER:  
PROCESS IDENTIFIER:**

**T C I 3 0 7 H . D .<sup>TM</sup>  
CEMENT, LIME, RUST, SCALE & CONCRETE REMOVER**

### PRODUCT INTRODUCTION:

**TCI 307 H.D.** is a ready to use complex liquid formulation of environmentally friendly non-fuming, no-smell organic acids with stable biodegradable wetting agents for maintaining the functionality of mobile mixers in the manufacture of concrete. The strength is equivalent to any concentrated product on the market. **3 kg of TCI 307 H.D.** will dissolve **1 kg** of lime related products.

**TCI 307 H.D.** is inhibited against metal substrate corrosion by 99.9% except on aluminum. This product can be used indoors without the staff being overcome by fumes from **MURIATIC ACID**. The equipment in the shop such as tools will not rust.

### APPLICATION PROCEDURE:

**THIS PROCEDURE IS FOR TRAINED PERSONNEL ONLY**

#### SMALL TOOLS MANUAL CLEANING METHOD:

For cleaning of small tools in the maintenance shop or off-site use a plastic pail or tray and brush. Pour the remaining liquid back into the original shipping container.

#### LARGE TOOLS AND EQUIPMENT CLEANING METHOD:

To start the cleaning process, set up the manufacturer's approved "**CHEMICAL APPLICATOR SYSTEM**" and regulate the operating air pressure to 340-400 kPa (50-60 psi). The system draws the cleaner directly from the shipping container and delivers it through a variable length discharge hose directly to the dirty equipment without the cleaning crew having to handle or come in close proximity with a hazardous product. The pump will start and stop automatically by controlling the flow on demand at the shut-off valve on the applicator wand.

**CAUTION:** Do not spray TCI 307 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 early in the morning or evenings or in a controlled environment. Now 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 encrustations and allow approximately a 5 minute chemical exposure time. Exposure time is directly proportional to cement thickness. Brushing is optional.

Rinse the entire body with high pressure (2500-3000psi) cold water starting at the bottom and consistently moving with a 10 cm 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 not necessary to use the down stream chemical injection device on the power washer ie. TCI 710 H.D. to neutralize excess acid on the equipment to control the pH of ground contamination, storm and sanitary sewer systems. This cleaning process does not generate a hazardous waste.

**PACKAGING: 205 LITRES**

**CAUTION: DO NOT LET ANY CHEMICAL DRY ON THE SURFACE (WIND DRIFT CHEMICAL SPRAY IS A POTENTIAL DANGER)  
ie. CONCENTRATED CHEMICAL WITHOUT WATER MAY STAIN SURFACES IF NOT RINSED**

**PLEASE CALL OUR TECHNICAL SUPPORT LINE @ 1-888-658-5515 FOR SOLUTIONS TO YOUR INDUSTRY.  
FOR INDUSTRIAL AND COMMERCIAL USE ONLY**

**THE INFORMATION GIVEN HEREIN IS GIVEN IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS MADE**

### PROCESS INTRODUCTION:

**TCI 307 H.D.** formula effectively removes light-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 assure that equipment used in hauling cement, on-site process concrete mixers, ready-mix trucks and chutes are in good working condition for each batch and during batching. It is used for the clean-up of splatter, tools, forms, wheelbarrows etc.

### PRECAUTIONARY NOTES:

**Do not let any chemical solution dry on any surface (concentrates may cause irreparable 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 & 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.**



**"BEFORE AND AFTER"  
REMOVAL OF RESIDUAL  
CEMENT PRODUCTS  
FROM  
READY-MIX TRUCKS**

**"BEFORE AND AFTER"  
REMOVAL OF RESIDUAL  
CEMENT PRODUCTS  
FROM READY-MIX  
TRUCK WHEELS**