

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:

T C I 3 3 3 H. D.™

PROCESS IDENTIFIER:

REMOVAL OF WELDING SOOT FROM POLISHED ALUMINUM

PRODUCT PRESENTATION:

TCI 333 H.D. is a ready to use complex liquid formulation of environmentally friendly dilute acids with unique and stable biodegradable surface active agents. It is designed for the retention and restoration of high optical reflectivity on polished aluminum, hard chrome and stainless steel surfaces.

PRODUCT APPLICATION PROCEDURE:

THIS PROCEDURE IS FOR TRAINED PERSONNEL ONLY

To start operation, set up the "CHEMICAL APPLICATOR MANIFOLD SYSTEM" and regulate the air pressure to 340-400 kPa (50-60 psi). The pump will operate automatically by starting and stopping the flow on demand at the wand.

CAUTION: Do not spray TCI 333 H.D. directly onto a hot metal surface since it will alter the chemistry resulting in staining. Walk around the whole unit being treated and thoroughly cool and wet the entire surface on a hot sunny day. The best time is early in the morning or evenings. Spray the chemical solution directly from the drum onto the metal surface and have the PRESSURE WASHER ready for rinsing. Apply the chemical solution as a spray to a 1-2 m section of the units body starting from the bottom and working up. Assure complete thin film coverage. Once the application is complete, allow approximately a 1-3 min chemical exposure time. Exposure time is directly proportional to soil thickness. Brushing is optional.

Rinse the section with high pressure 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 surface working from the top down. Be sure to always rinse the chemical solution overspray from other sections in the same fashion. Special cautions apply to the bulk carriers because of their rounded tops. When the entire unit is complete, a final water rinse and flush will assure no residual chemical activity on the aluminum surface.

PROCESS INTRODUCTION:

TCI 333 H.D. formula is designed to effectively remove residual dirt, oils, road film, black welding and diesel soot, corrosion, oxide film, design marker and microscopic projections from polished rolled and extruded aluminum surfaces without "WHITE" etching or pitting.

PRECAUTIONARY NOTE:

Insufficient rinsing may result in streaks as the surface dries. (ie. trapped chemical) This precaution only applies to rolled aluminum and not to extrusions or sheeting on newly fabricated units. Since no brushing is required, be consistent with wand pattern. For extra pride, chamois surface dry.

This chemical treatment procedure passifies aluminum metal surfaces and inhibits against corrosion. As the new aluminum surface is now exposed to the air it will form a natural aluminum oxide film protecting it against pit corrosion. 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.

PROCESS SPECIFICITY:

The cleaning ability of this product is restricted to quality rolled or extruded primary aluminum articles. **TCI 333 H.D.** is applied as a light mist to the surface to be cleaned using the MANUFACTURER'S approved CHEMICAL APPLICATOR MANIFOLD SYSTEM (See Brochure) and rinsed with a HIGH PRESSURE COLD WATER WASHER operating at > 20 000 kPa @ 15 L / min (2800 psi @ 4 gal / min). This product is designed for cleaning manufactured products eg. MOTOR HOMES, RV'S, HORSE TRAILERS, RECYCLING TRUCKS, FEED CARRIERS, SEMI DUMPS, BULK CARRIERS (MILK, FLOUR, CEMENT, PETROLEUM etc.) WHEELS, FUEL TANKS & CATTLE POTS at the maintenance level of the owner or fleet operators facility.

WASTE DISPOSAL PROCEDURE:

The cleaning procedure may generate a hazardous industrial waste. Comply with EPA's Federal, Provincial, State and local regulations.

PACKAGING:
04, 25 & 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