



Product Application Presentation

Product Identifier:

TCI 311 H.D.

Process Identifier:

**Ferrous metal surface prep for painting (oil, rust & mill scale) remover
and safe Zinc galvanized metal cleaner (ready to use spray)**

Product Presentation

TCI 311 H.D. is a ready to use complex liquid formulation of environmentally friendly dilute acid/salts with unique biodegradable surface active agents and corrosion inhibitors. It is designed for the cleaning restoration of GALVANIZED METALS.

Application Procedure

This procedure is for trained personnel only

To start operation, set up the chemical applicator 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.

Process Introduction

TCI 311 H.D. formula is designed to effectively remove weathering, dirt, oils and rust from farm storage bins; road film, diesel soot, road salt and the corrosion effect on highway trailers. Depending on climatic conditions, this process can be used as required. To prevent irreversible damage by harsh cleaning products, we recommend to test a small inconspicuous area.

Precautionary Note

Zinc galvanized coatings are very reactive to strong acids and alkaline cleaners that will strip the coating to the bare substrate metal with one application causing rusting.

Process Specificity

The cleaning ability of this product is restricted to Zinc galvanized ferrous metal and polished or extruded primary aluminum articles in the transportation industry.

TCI 311 H.D. is applied effectively as a light mist to the surface to be cleaned starting at the bottom and moving to the top ONLY using the Manufacturer's approved chemical applicator system (See Brochure) and rinsed with a high pressure cold water washer operating at at least 20,000 kPa at 15 L/min (2800 psi at 4 gal/min) starting at the bottom and systematically moving to the top with a final rinse from the top down.

This product is also designed for cleaning of newly manufactured products e.g. horse trailers, recycling trucks, feed carriers, semi dumps, bulk carriers (milk, flour, cement, petroleum etc.), cattle pots, cargo vans, and their aluminum wheels and fuel tanks and at the maintenance level of the owner or fleet operators facility especially if the trailer landing gears and door frames are galvanized.

CAUTION: ANY damage is irreversible.

Do not let any chemical dry on the surface i.e. concentrated chemical without water may stain surfaces if not rinsed.

Waste Disposal

The cleaning procedure may generate a hazardous industrial waste depending on the surface soil cleaned off. Comply with federal, provincial, state, and local regulations.

Packaging and Product Order Codes

20 L 311-020

205 L 311-205



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Ideal for aluminum fabricators



Ideal for bulk fuel carriers



Ideal for feed, livestock, sand & gravel, mulch, waste, and cement trailers



Ideal for detailing polished rims

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