



TETRA-CHEM INDUSTRIES LTD.

271 INGERSOLL ST. S.
INGERSOLL, ONTARIO
CANADA N5C 3J7

TEL: (519) 485-4370
TOLL FREE: (888) 658-5515
FAX: (855) 762-4446
EMAIL: info@tetra-chem.com
WEB SITE: www.tetra-chem.com

SPECIALTY CHEMISTRY

WASTE MANAGEMENT

APPLICATION TECHNOLOGY

INNOVATIVE ENGINEERING

Product Application Presentation

Product Identifier:

TCI 525-50 H.D.

Process Identifier: Stainless steel cleaner and passifier/aluminum brightener concentrate for truck wash facilities and mobile

Product presentation

TCI 525-50 H.D. is a ready to use blue liquid of environmentally friendly dilute acids with powerful biodegradable surface active agents. It is designed for the retention and restoration of high optical reflectivity and passivation of stainless steel, as well as bright etching of aluminum metal surfaces.

Process introduction

TCI 525-50 H.D. is designed to effectively remove residual dirt, oils, black welding & diesel soot, rust & oxidation on painted surfaces, smut, atmospheric contamination on fibreglass and painted siding, corrosion & oxide films from aluminum and stainless steel surfaces.

Process specificity

TCI 525-50 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). This product is designed for cleaning manufactured products such as motor homes, RVs, horse trailers, cattle pots, recycling trucks, feed carriers, semi dumps, bulk carriers (milk, flour, cement, petroleum, etc.) wheels and fuel tanks at the maintenance facility of the owner or fleet operators.



Compliments
of Westcan
Edmonton, AB

Product application procedure

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 525-50 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 unto the metal surface and have the pressure washer ready for rinsing. Apply the chemical solution as a spray to the entire aluminum surface of the unit's body starting from the bottom and working up. Assure complete thin film coverage. Once the application is complete, allow approximately a five minute chemical exposure time. Exposure time is directly proportional to soil thickness. Brushing is optional.

Caution

Do not let any chemical dry on the surface (wind drift chemical spray is a potential danger) i.e. concentrated chemical without water may stain surfaces if not rinsed.

Rinse the section with high pressure (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 surface working from the top down. When the entire unit is complete, start power washing in the same pattern as the chemical application. If need be re-apply TCI 525-50 H.D. for a second time as a thin film to the entire aluminum surfaces. This will produce an even satin finish. 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, 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. Glass should be protected from chemical exposure by wetting the surface and immediately rinsing with water. This process does not affect painted surfaces or glass and mirrors as long as the chemical solution does not dry. Unprotected steel surfaces are prone to flash rusting and should be protected with a protective oil or repainted.



Packaging: 4, 20, 205 litres

For industrial and institutional use only.

The information given herein is given in good faith but no warranty, expressed or implied is made.

Please call our technical support line at 1-888-658-5515 for solutions to your industry.

Copyright 2016 Tetra-Chem Industries Ltd. All rights reserved. Printed in Canada.

No part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written permission of the publisher.