



Nonfood Compounds
Program Listed A1
150074

TIG Brush®

Ensitech Fluid Application Note 50 TB-50 Finishing Fluid for Stainless Steel

PURPOSE

TB-50 is a unique combination of proven performance, safe cleaning agents and four surfactants that provide superior metal surface adsorption, grease emulsification and removal, inorganic stain removal and surface reflectability. These features provide the user with a single pack product that cleans, brightens and also resists handling marks but leaving a molecular level layer on the surface of the stainless steel.

BACKGROUND

The cornerstone of the Ensitech Surface Finishing System is the world famous TIG Brush which when used with one of the genuine TB stainless steel cleaners gives a bright and smooth finish not previously seen when cleaning welds or marked stainless steel surfaces. TIG Brush users were finding that their crafted perfect finishes were being marked through handling as the work was wrapped and/or despatched to their end users. Ensitech chemists developed TB-50 for this specific need.

CHEMISTRY

PERFORMANCE TB-50 Finishing Fluid is a non-dangerous (non-flammable, non-corrosive) formulation. The chemistry is a unique combination of non-dangerous solvents, proven alkaline cleaning agents, sequestering agents and latest technology environmentally friendly surfactants.

SAFETY All Ensitech products are developed to maximise worker safety. TB-50 is free of harsh solvents instead using water as the solvent and carrier of actives. All components in TB-50 are highly effective whilst being safe for use via spraying and wiping as directed by your Ensitech sales professional. Ensitech Material Safety Data Sheets (MSDS) are created by the most reputable chemical safety organisation in Australia and should be consulted and well understood before using any Ensitech chemical.

ENVIRONMENT All ingredients are environmentally safe with either no environmental impact, biodegradable and the breakdown products also have no detrimental impact on the terrestrial or aquatic environments. TB-50 does not contain any alkyl phenol ethoxylates. All components are not palm oil derivatives thereby rainforest responsible.



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APPLICATION

Please consult MSDS before use and wear PPE as directed.

Only apply to the stainless steel surface once it has cooled down.

The fluid has been designed to remove all light oils and greases as well as any other Ensitech fluid residuals from stainless steel surfaces.

TB-50 Finishing Fluid can be wiped or sprayed onto the cooled stainless steel surface.

It is a good idea to wash the work with water between each chemical application. Washing away any excess cleaning fluid also cools the surface. If the surface is heavily contaminated, wiping, rubbing and leaving for a couple of minutes will improve the amount of contamination removed. Rinse down with water or wipe with a water wet rag. Buff to a brilliant shine with a dry microfiber cloth.

DISPOSAL

TB-50 can be disposed to your council provided wastewater system via your sewer system without harm to the system or environment. TB-50 does not contain any components that would be a detriment. It is advised that water is used to wash TB-50 down the drain to prevent any pooling in s-bends or sumps which could react with other chemicals disposed of in these systems.

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