



Nonfood Compounds  
Program Listed A3  
150001



## Ensitech Fluid Application Note 25 TB-25 Weld Cleaning Fluid for Stainless Steel

### PURPOSE

TB-25 is the high performance premium cleaning fluid developed by Ensitech chemists to work specifically with the industry leading TIG Brush. With the highest quality components at high concentrations, TB-25 gives the user unequalled performance in cleaning and passivating on the harshest stainless steel welds.

### BACKGROUND

The power of the TIG Brush required a high-powered fluid to maximise performance for heavy-duty industrial applications. Whilst strong chemistry is employed in TB-25, it has been designed to be 100% compatible with the brush materials and will not break down the fibres as can happen with non-Ensitech fluids.

### CHEMISTRY

**PERFORMANCE** TB-25 contains the highest quality and highest concentration of active components available in a water based weld cleaning to maximise the activity on weld contaminants. Together with the latest technology in sequestrants and surfactants, the acidic cleaners work with the energy of the TIG Brush to penetrate, dissolve and dislodge contaminants from the surface. TB-25 has proven to be the industry's premium cleaner for over 8 years with success on a wide range of stainless steels including the 300 series and duplexes.



**SAFETY** All Ensitech products are developed to maximise worker safety. TB-25 is free of harsh solvents instead using water as the solvent and carrier of actives. Due to the strength of its components, TB-25 is classified as a corrosive therefore needs to be used with appropriate PPE. TB-25 is highly effective whilst being safe for use with the TIG Brush as instructed by your Ensitech sales professional. Ensitech Safety Data Sheets (SDS) are created by the most reputable chemical safety organisation in Australia and should be consulted and well understood before using any Ensitech chemical.

**\*TB-25 is classified as a dangerous good (DG).**

**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-25 does not contain any alkyl phenol ethoxylates. All components are not palm oil derivatives thereby rainforest responsible.



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**TIG Brush®**

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### APPLICATION

Please consult SDS before use and wear PPE as directed.

Dip the brush into the TB-25 saturating the brush followed by wiping any excess to avoid spills. Clean the weld as per the TIG Brush instructions. Once cleaned, rinse the metal surface with clean water. If neutralisation is required, spray the surface with TB-42 followed by a water rinse and dry off with a clean microfiber cloth.

If a brilliant shine is required, TB-50 Finishing Fluid can be wiped or sprayed onto the stainless steel surface. Rinse down with water. Buff to a brilliant shine with a dry microfiber cloth.

### DISPOSAL

DO NOT MIX THESE CHEMICALS IN SINKS OR DRAINS WITH BLEACH OR DRAIN CLEANER OR ANY OTHER ALKALINE CHEMICALS

Diluting the disposal will reduce the impact of the acidic components on the effluent system.

For quantities of these chemicals individually or mixed up to 5 litres, a dilution with potable (drinking) water to municipal drains at 10 parts water and 1 part chemical is appropriate.

### INSTRUCTIONS

1. Run water in drain for 1 minute at least to flush pipes and fittings of contaminants.
2. With water running, add the chemical into the water stream at a rate of 1 part chemical to 10 parts water.
3. Run water for 1 minute after the last addition of chemical.

Note: If any fuming or offensive odours are generated from the effluent vents or drains, stop chemical addition and continue to run water until the fume or offensive odour dissipates completely.

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