

TIG Brush TB-25

Heavy-Duty Weld Cleaning Fluid



PRODUCT OVERVIEW

TB-25 is a high-performance premium weld cleaning fluid developed by Ensitech chemists to work specifically with the industry leading TIG Brush. Utilizing the purest ingredients at high concentrations, TB-25 provides the user unequalled performance in cleaning and passivating all Stainless Steel welds. The power of the TIG Brush requires high quality fluid to provide maximize performance, for heavy-duty industrial applications. TB-25 has been developed using the latest technology and only includes analytical grade chemicals to provide maximum user safety.

Using the TIG Brush with TB-25 relentlessly penetrates, dissolves and dislodges contaminants from the surface faster and more efficiently than any other method. For more than 10 years, TB-25 has been renowned as the industry's premium weld cleaning fluid because of its high speed, efficient and safe cleaning and passivation of a wide range of Stainless Steels from 300 series to duplex grades. TB-42 Neutralizing fluid should be used after cleaning as outlined in the SOP to remove any trace of residual acid.

TB-25 is also NSF certified and conforms to the requirements of the NSF Non-Food Compounds Registration Programme. The NSF mark is your assurance that Ensitech fluids have been tested and certified by one of the most respected independent certification organizations in existence today. See <https://www.nsf.org> for more information.

SAFETY AND STORAGE

Ensitech products are developed to maximize user safety. TB-25 is highly effective and approved to use with the TIG Brush machines as instructed. TB-25 is free from harsh solvents however, due to its strength, it is classified as a corrosive and needs to be used with appropriate PPE.

- This Fluid Application sheet should be read in conjunction with the Safety Data Sheet (SDS) and well understood before using any Ensitech chemical.
- Store in a cool, dry, corrosive approved cabinet, and out of reach of children.
- Stored correctly and un-opened, TB-25 offers a shelf life of up to 2 years.
- Minimize fluid contact and do not allow it to pool on concrete as this may cause spalling.
- TB-25 is classified as a Dangerous good (DG).

ENVIRONMENT

All ingredients are eco-friendly and biodegradable. The breakdown of this solution also shows no detrimental impact on terrestrial or aquatic environments. TB-25 does not contain any alkyl phenol ethoxylates or palm oil derivatives, thereby is rainforest responsible.

STANDARD OPERATION PROCEDURE - S.O.P

The operator should read and understand the TB-25 Safety Data Sheet (SDS) before proceeding.

1. Pour the required amount of TB-25 cleaning fluid into a suitable container and re-seal the bottle. (To avoid cross-contamination, do not pour any used TB-25 back into the bottle.)
2. Dip the cleaning brush into the TB-25, saturating the whole brush.
3. Clean the weld/surface, as per the TIG Brush Instruction Manual. Do not allow the brush to dry out during the cleaning process.
4. Thoroughly rinse the TB-25 fluid from the surface with clean water.
5. Apply TB-42 pH neutralizer using a spray bottle to the area and allow to sit for 5-10 seconds.
6. Re-rinse the area with clean water and dry with a clean microfiber cloth or compressed air. Allow to thoroughly dry before storing or wrapping.

Note: If TB-25 fluid is allowed to dry on the surface after cleaning, repeat steps 2-6 above to remove it.

Important: White frosting can appear on the surface if the above process is not followed. Ensure a thorough rinsing has been performed after both cleaning and neutralizing.

DISPOSAL

Important: Refer to SDS for full disposal details and dispose of in accordance with relevant local legislation.

Do not mix TB-25 in sinks or drains with bleach, drain cleaner or other chemicals.

For small quantities that have been neutralized, dilute with clean water to municipal drains at a ratio of 10:1 water to chemical to prevent any pooling in S-bends or sumps which could react with other chemicals that may be present in these systems.

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