



Nonfood Compounds  
Program Listed P1  
150055

**TIG Brush®**

## Ensitech Fluid Application Note 40

### TB-40 Neutralising Fluid

*for use with TB-21ND & TB-25 weld cleaning fluids*

#### PURPOSE

After cleaning with TB-21ND or TB-25, some applications require a complete removal of any acidic chemicals on the work surface. TB-40 contains a range of fast acting, effective components that neutralise any residual acidic components within seconds.

#### BACKGROUND

Ensitech chemists developed TB-40 specifically for neutralisation of TB-21ND and TB-25 without the development of any toxic or corrosive products. TB-40 is also easily rinsed with water leaving the surface clean and safe to handle.

#### CHEMISTRY

**PERFORMANCE** TB-40 Neutralising Fluid is a non-dangerous (non-flammable, non-corrosive) formulation. The chemistry is a purpose made combination of proven alkaline neutralising agents and latest technology in environmentally friendly surfactants.

**SAFETY** All Ensitech products are developed to maximise worker safety. TB-40 uses the powerful yet safe approach of latest technology surfactants rather than traditional phenol ethoxylates that impact on worker safety. 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 or biodegradable and the breakdown products also have no detrimental impact on the terrestrial or aquatic environments. TB-40 does not contain any alkyl phenol ethoxylates. As with all Ensitech fluids, all components of TB-40 are free from palm oil derivatives thereby is rainforest responsible.



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#### APPLICATION

Please consult the MSDS before use and wear PPE as directed.

After cleaning the surface with the TIG Brush, wash the cleaned surface with water.

Do NOT spray the hot surface immediately after cleaning with the TB-21ND/TB-25 cleaning fluids.

- 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 before neutralising.
- A water rinse will allow a more economical use of TB-40
- A water rinse will also stop the TB-40 from evaporating from the surface, which could result in white marking.
- Ensitech recommends the use of water and a wipe with a clean cloth between chemicals for small jobs, or water rinsing for larger jobs

After washing with water, TB-40 can be sprayed on with a spray bottle if desired, or wiped on with a clean cloth dipped *only* in TB-40.

TB-40 will work within seconds so after its application, a water rinse is recommended to remove all neutralised chemicals and excess TB-40.

Please note: If washing down with wet cloths, ensure acid re-contamination of the neutralised area **does not** occur by using a separate clean cloth for washing away the TB-21ND/TB-25 and a separate clean cloth for washing away the TB-40. Rinse the cloths in separate buckets, or preferably in a clean supply of water, in order to prevent the TB-40 washing cloth from mixing with any part of the TB-21ND/TB-25 operation.

#### DISPOSAL

TB-40 can be disposed to your council provided wastewater system via your sewer system without harm to the system or environment. TB-40 does not contain any components that would be a detriment. It is advised that water is used to wash the chemicals down the drains to prevent any pooling in s-bends or sumps which could react with other chemicals disposed of in these systems.