



Ensitech Fluid Application Note 21

TB-21ND Weld Cleaning Fluid for Stainless Steel

PURPOSE

TB-21ND is the non-dangerous goods version of the premium cleaning fluid TB-25. For many applications, TB-21ND provides a cleaning and passivating result equal to TB-25 at a lower cost and with reduced handling and freight restrictions.

BACKGROUND

Ensitech chemists worked to produce a fluid that keeps most of the TB-25 performance without the corrosive classification given to TB-25. The components in TB-21ND are the same at TB-25 however having less acidity.

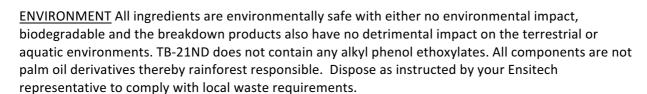
CHEMISTRY

<u>PERFORMANCE</u> TB-21ND contains proven acidic water based chemistry coupled with the unique sequestrant, surfactant package used by Ensitech as the base of their premium fluid range.

TB-21ND is currently successfully used for cleaning and passivating welds of a wide range of stainless steels including the 300 series and duplexes. As with all Ensitech chemicals, compatibility with the TIG Brush is assured.

<u>SAFETY</u> All Ensitech products are developed to maximise worker safety. TB-21ND is free of harsh solvents instead using water as the solvent and carrier of actives. All components in TB-21ND are

highly effective whilst being safe for use with the TIG Brush as outlined in the TIG Brush instructions. Please consult the MSDS before use.



APPLICATION

Please consult MSDS before use and wear PPE as directed.

Dip the brush into the TB-21ND 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-40 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.









Ensitech Fluid Application Note 21 TB-21ND Weld Cleaning Fluid for Stainless Steel

DISPOSAL

DO NOT MIX THIS CHEMICAL 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 of TB-21ND on the effluent system.

For quantities of TB-21ND up to 5 litres, a dilution with potable (drinking) water to municipal drains at 10 parts water and 1 part chemical is appropriate. For quantities over 5 litres, contact your Ensitech representative for advice.

INSTRUCTION FOR DISPOSAL TO DRAIN FOR VOLUMES UP TO 5 LITRES.

- 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.

