



Nonfood Compounds
Program Listed A3
150056

TIG Brush®

Ensitech Fluid Application Note 30 TB-30ND Weld Cleaning Fluid for Stainless Steel

PURPOSE

The requirement for a high-performance cleaning product to work with the TIG Brush in a food manufacturing facility where corrosive chemicals were not permitted prompted the development of TB-30ND.

BACKGROUND

TB-30ND is formulated using existing proven chemistry and novel ingredients. This resulted in the creation of a unique chemical that is still unmatched in the industry for optimising safety whilst providing superior performance.

CHEMISTRY

PERFORMANCE Whilst being non-corrosive via the dangerous goods code, TB-30ND is a highly effective chemical when used with the TIG Brush. It is the energy of the TIG Brush that activates TB-30ND to dissolve, dislodge and allow removal of contaminants on the weld. TB-30ND is a concentrate of three active cleaners, two high-powered surfactants and sequestrants. This gives TB-30ND broad spectrum efficacy on a wide range of contaminants on a weld surface.



SAFETY All Ensitech products are developed to maximise worker safety. TB-30ND is free of harsh solvents instead using water as the solvent and carrier of actives. TB-30ND is highly effective whilst being safe for use with the TIG Brush as instructed 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-30ND 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.

Dip the brush into the TB-30ND saturating the brush followed by wiping any excess to avoid spills. Clean the weld as per the TIG Brush instructions. Ensure the brush and work surface remains well wetted with TB-30ND. Do not clean with the TIG Brush when the brush is dry.

Once cleaned, rinse the metal surface with clean water. If neutralisation is required, spray the surface with TB-41 followed by a water rinse and dry off with a clean 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.

INSTRUCTION

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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