

TURCO 4181

ELECTROLYTIC CLEANER FOR FERROUS ALLOYS

Description:

Turco 4181 is a tan, granular compound formulated to clean ferrous alloys by electrolytic and immersion methods.

Turco 4181 contains effective wetting, saponifying and rust removal agents to ensure complete removal of greases, lube oils, buffing compounds, fingerprints and light rust from ferrous alloys.

Turco 4181 does not contain silicates.

Turco 4181 can be used as an immersion cleaner (without electrical current) to clean zinc and copper alloys at reduced concentration, if slight metal attack can be tolerated.

Benefits:

Turco 4181 offers these benefits:

1. Non-flammable in powder or solution form.
2. Readily soluble in hard and soft water at recommended concentrations.
3. Free of chromate and phenols.
4. Readily rinses from parts with hot or cold water.
5. Easy to control solution by simple titration.
6. Produces chemically clean surfaces.

Use instructions:

Tanks: tanks and associated equipment may be fabricated from mild steel or stainless steel.

Electrolytic Methods: Add Turco 4181 at the ratio of 40-100 g/l of tepid, agitated water. Operate tank between 80-90°C, with a voltage of 6-12 V, either cathodic or anodic. Rinse with clean, overflow or spray, hot or cold water.

Immersion cleaning: add Turco 4181 at the ratio of 40-100 g/l of tepid, agitated water. Operate tank between 80-90°C, with a voltage of 6-12 V, either cathodic or anodic. Rinse with clean, overflow or spray, hot or cold water.

For immersion cleaning of zinc and copper alloys, use Turco 4181 at the ratio of 15-40 g/l of agitated water. Operate tank between 60-70°C maximum. Rinse with clean overflowing or spray, hot or cold water.

Note:

Always adds Turco 4181 to tepid, agitated water by broadcasting small quantities onto the top of the water. Never "dump" large quantities of product into water, since heat is liberated, which may generate local pockets of steam.

Disposal information:

Dispose of spent solution per local, state and regional regulations. Refer to your local Turco Territory Manager, Regional Sales Office or Turco Material Safety Data Sheet for additional disposal information.

Caution:

Turco 4181 contains sodium hydroxide. Avoid contact with eyes, skin and clothing. Do not take internally. Consult Material Safety Data Sheet before use.

Notice:

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage, or injury, direct or consequential, arising out of the use of this product.

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GJ