HOW TO USE EVAPO-RUST Safe Rust Remover

Pictures from SIMA-San Diego Naval Facility

**COMpletely Immerse Item** *

EVAPO-RUST is easy to use. Fully immerse the rusted item in EVAPO-RUST and check progress in about 30 minutes; no scrubbing necessary. Soak times will vary from 30 minutes to 24 hours depending on severity of rust, type of steel, and temperature. EVAPO-RUST is water based, therefore the active molecules will slow down as temperature decreases and increase as temperature increases. We recommend utilizing EVAPO-RUST at a bath temperature above 60° F (normal room temperatures).

Once rust is removed, rinse item with water. NO NEED TO NEUTRALIZE

You can now paint, plate, or apply a long term Corrosion Preventative Compound such as Nox-Rust 3100, Permanent Coating, Corrosion Inhibitor or VCI protective packaging. For short term rust inhibition, simply dip the item in EVAPO-RUST and allow to dry. For longer term protection use VCI Paper or VCI plastic film packaging. Rinse with ordinary water before painting, plating or applying a surface protective corrosion inhibitor or coating.

* For items too large for immersion call 1-866-577-2326 and ask about the PATCH
Evapo-Rust

Health & Environmental Analytical

- PH 6.1 Neutralizing NOT REQUIRED
- Non-Hazardous
- No VOC - NO HAP
- Non-Corrosive (NACE TH0169 = <6.35 mm/yr)
- Not Orally Toxic (LD50 >5g/kg)
- Not Dermally Toxic (LD50 >2000mg/kg)
- Not an eye irritant (MMTS = 0.0)
- Not a skin irritant (PDII = 0.9)
- Spent material is Non-Hazardous
- Removes rust by Selective Chelation
- No DOT Restrictions
Rust Remover F.A.Q.

- **Biodegradable, Non-Hazardous Evapo-Rust** specifically targets Iron oxide*
- **Evapo-Rust Safe Rust Remover** does not harm aluminum, brass, copper, plastic, rubber, silicon, wood, felt, or glass (de-rust without dis-mantling)
- **Evapo-Rust Safe Rust Remover** must be used as a liquid (wet process)
- **Safe Rust Remover** does not affect plating
- **Safe Rust Remover** does not affect non-oxide paints
- **Evapo-Rust** works best above 60 F (Room Temp)
- **Evapo-Rust** does remove “sacrificial coatings” such as bluing, browning, zinc, or other oxides.

*Hematite - $\alpha$ Fe$_2$O$_3$ and Fe(OH)$_3$, Goethite are not affected by Evapo-Rust™ Safe Rust Remover*