

# RUSTO-GEL 1406

( Rust Removing GEL 1406 Acid Based Stable Gel. )

For Large Sized Chemical Plants & Process Plant Equipments , Off-Shore Constructions Storage Tanks, SILOS And Pipelines / Steel Fabrications, made of Mild Steel & Carbon Steel

**SCOPE :** RUSTOGEL 1406 is the most convenient and user friendly product for the pre-treatment of Mild Steel Sheet metal components which are odd sized equipments and fabrications, and very difficult to clean by Dip or Spray methods and all such heavy equipments difficult for transport to the cleaning sites.. The use of RUSTOGEL 1406 renders the Fabricated Equipments, Machinery , Plants & Vessles surface free from surface oil, grease, dirt & dust and RUST. The Iron Oxide / Atmospheric Rust is easily cleaned within 10 – 30 minutes of application time, depending on the extent of corrosion. RUSTOGEL 1406 is based on Phosphoric Acid ( which in itself is a rust Preventive Acid ), Wetting agents, Organic solvent cleaners, Foam boosters and Corrosion Preventives. Application of RUSTOGEL 1406 can be conveniently carried out by Brushing / Swabbing. RUSTOGEL 1406 is totally soluble with water in all proportions, and is easily Rinsed by water and removed. RUSTOGEL 1406 is used as as supplied by BRUSHING / SWABBING all over on the components. RUSTOGEL 1406 does not drain out / Drip from the vertical / Roof Top surfaces and allows sufficient time for the reaction of Rust cleaning, which is normally 10 to 30 minutes.

## PRODUCT DATA :

- **Colour & Nature:** Slight Greenish ; hazy Acidic free flowing Liquid **GEL**
- **Specific Gravity:** 1.05 +/- 0.03 at 25 °C
- **Chlorides:** Free of Chlorides / Halides
- **Concentration of Use :** Must be used As supplied .
- **Flammability & Hazards:** Non-flammable, Non-hazardous, Non-toxic
- **Solubility / Washability:** Tap Water
- **Shelf Life :** One Year from the date of Supply

## METHODS OF USE :

RUSTOGEL 1406 can be used by **Brushing / swabbing ; Apply liberally so as to cover all the RUSTED METAL SURFACE. Allow to react with the Metal Oxide / Corrosion. Wash with Running Water or Swabbing with Wet cloth to remove all the RUSTOGEL 1406 from the application areas.**

After Cleaning and De-Rusting Pure and Virgin Iron Metal tends to rust faster due to moisture in the atmosphere , Fog , Acidic Vapours , due to Galvanic Cell Formation, Seal the completely cleaned vessel with non- Drying Oil Type Rust Preventive. Our Product AQUQNIL DWO is a extremely good Rust Preventive for this Operation. Packing Sizes : 5 Kg Jar ( Rate Rs 68 per Kg : 30 Kgs Jars @ Rs 65 per kg )

## ADVANTAGES OF RUSTOGEL 1406 :

Completely eliminates Wire Brushing ; Sand Papering , Grinding and Mechanical Cleaning. Eliminates Sand Blasting / Grit Blasting which are cumbersome processes . Extremely Fast , Saves cleaning time :User friendly process :Safe to workmen . RoHS Compliant product



## RECOMMENDED APPLICATIONS :

All HEAVY ENGINEERING FABRICATIONS of Mild Steel, Automobile pressed components of CRCA , fabricated sheet metal doors & window; sections , Machinery Parts , Salvaged steel components, pipes, pipelines and Structures for Steam and chemicals, Bridges, Pre-Engineered Buildings, Steel Fabrications in Railways station Structures & Sub-stations, Canopys, MS & Carbon Steel Process Plant Equipmts, Chemical Plants & Vessels, cooling tower support structures, Heavy Engineering Construction Equipments maintenance, Heat Exchanger, Pipes , Elbows , Pipe joints, pipe- Bends , HVAC Equipment part , Condensers Chimneys , Factory trusses Bridges / Dams , HIPYARDS , Ship building and repairs , Annual SHUT DOWN MAINTENANCE Operations,

**Handling Precautions :** RUSTOGEL 1406 is an Acidic semi liquid viscous Gel, and is completely SOLUBLE and DISPERSABLE in water. Take Ample care while handling and usage of RUSTOGEL 1406. Operators must use Rubber Gloves, Face shield, Rubber Aprons, Safety shoes, and goggles. In case of spillage, flush with plenty of running water. In case of Body contact, flush the affected body area with free flowing water for 3/5 min. Call for medical attention.

Complete details on our entire products range is available on [www.promtechaerosol.com](http://www.promtechaerosol.com)



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