



InnoChem
Smart Solutions, Strong Foundations

1ST FLOOR, GALA NUMBER 119, VAPI CO-OP INDL SOCIETY, GIDC, PLOT NUMBER 99, VAPI, VALSAD 396195.

InnoChem RUST CLEANER

POWERFUL.FAST ACTING.RELIABLE.

1.PRODUCT DESCRIPTION

Rust Cleaner is a chloride-free, water-based solution formulated with specialized chemicals and additives. It is designed to effectively remove rust from steel surfaces prior to the application of protective coatings. Widely used across construction sites, especially during reinforcement work, Rust Cleaner offers a reliable method for preparing rusted rebars.

The solution is mildly acidic and reacts with rust to clean the surface thoroughly. After application, ensure the surface is completely dry and free of any residual acid before applying coatings or primers. For heavy rust removal, shot blasting is recommended.

2.BENEFITS OF USING RUST CLEANER

1. Effective Rust Removal

Quickly dissolves and removes rust from steel surfaces, ensuring a clean base for further treatment.

2. Improves Bonding

Enhances the adhesion of primers, coatings, and protective layers by eliminating rust and contaminants.

3. Chloride-Free Formula

Prevents corrosion-related damage in the long term, making it safe for use on reinforcement bars.

4. Extends Service Life of Steel

Reduces the risk of corrosion and deterioration, thereby increasing the durability of steel components.

5. Easy to Apply

Simple brush, spray, or dip application saves time and labor on site.



InnoChem
Smart Solutions, Strong Foundations

1ST FLOOR, GALA NUMBER 119, VAPI CO-OP INDL SOCIETY, GIDC, PLOT NUMBER 99, VAPI, VALSAD 396195.

6. Compatible with Construction Workflows

Especially useful at construction sites during reinforcement work, without disrupting processes.

7. Cost-Effective Maintenance Solution

Minimizes the need for expensive repairs or replacements due to rust damage.

8. Surface Preparation for Coatings

Prepares steel surfaces for primers and coatings, ensuring long-term performance of protective systems.

3.APPLICATION PROCESS

3.1 SURFACE PREPARATION

For heavily rusted mild steel (M.S.) surfaces such as reinforcement bars, pipelines, or plates, begin by removing loose rust using wire brushing, chipping, hammering, or grinding. This step ensures that most of the rust scale is eliminated before applying the cleaner.

3.2 APPLICATION

Apply Rust Cleaner evenly on the affected surface using a cotton waste swab or a brush. Allow the solution to react with the rust for 15 to 30 minutes. During this time, the rusted surface will typically turn to a blackish steel shade, indicating the chemical reaction. Wipe the surface with a clean cotton cloth, then remove any remaining loose particles by brushing or scrubbing.

3.3 FINISHING

After treatment of corroded reinforcement steel, rinse the surface thoroughly with clean water before proceeding with further repair or coating work.



InnoChem
Smart Solutions, Strong Foundations

1ST FLOOR, GALA NUMBER 119, VAPI CO-OP INDL SOCIETY, GIDC, PLOT NUMBER 99, VAPI, VALSAD 396195.

4. AREA OF APPLICATION

- Rusted reinforcement bars (rebars)
- M.S. (Mild Steel) plates and pipelines
- Steel surfaces prior to coating or repair
- Surface treatment before primer application

5. PACKING

50KG HDPE carboy and 200KG Barrals.

6. SAFETY & HANDLING

- Use protective gloves and eye protection during application.
- Avoid contact with skin or eyes; rinse with plenty of water in case of contact.
- Do not ingest; keep out of reach of children.



InnoChem
Smart Solutions, Strong Foundations

The information contained in this sheet is given to the best of our knowledge and the results from extensive testing to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory.