



Technical Data Sheet

Nu-EcoSafe Rust

Description: **Nu-EcoSafe Rust** is an environmentally friendly, water based, and highly effective rust converter and inhibitor designed specifically for ferrous metal substrates. **Nu-EcoSafe Rust** is a fast and convenient way to treat rusted steel where traditional methods of rust removal or prevention are not practical.
Nu-EcoSafe Rust can convert all types of rust, whether light surface rust or deep-seated blooms and can prevent re-rusting for extended periods of time.

Features:

- Low VOC and Low Odour
- Water based
- Easy clean up
- Excellent adhesion to coatings
- Can be left up to 3 months without top coating

Safety Precautions: Observe all Occupation Health and Safety (OH&S) precautions.
Refer to the relevant Safety Data Sheets (SDS) for product safety related information.
For further information and support: **Nutech Paint 03 9770 3000**
<https://nutechpaint.com.au/>

Use impervious gloves and wear eye protection when preparing the surface.

Chemical Type: Phosphoric acid blend

Product Attributes: pH (Direct reading): <1.0
Percent Volatiles: N/A
Solubility: Water
Flash Point: > 93.3°C
VOC Content: 2.68

Typical Applications: Domestic & Multi Density Residential, Industrial and Commercial uses where convenient and practical rust inhibition is required.

Appearance: Colourless viscous liquid

Coverage / Spread Rate: **8 -10m²/L**
Note: Coverage will depend on the roughness of the surface.

Pack Size: 750ml spray bottle, 2.5L, 5L, 10L, 20L

Storage: Cool, dry location. Avoid contact with direct sunlight and heat

Shelf life: Stored 24 months @ 25°C

Recommended Substrates: **Nu-EcoSafe Rust** is suitable for ferrous steel

Mixing/ Thinning: No mixing is required

Test Patch: Conduct a small test patch in an inconspicuous area to ensure adequate product performance, substrate porosity and provide an indication of the time required to complete project.



Substrate note: Prior to top coating, all surfaces must be clean and in sound condition. Remove all oil, dirt, grease, flaking paint and contamination.

Application: Brush, roller, hand pump spray OR airless spray

Procedure: Ensure that all areas not to be treated are suitably protected.

For best results:

- Loose or flaking rust must be either hand wire brushed or mechanically abraded prior to treatment.
- Clean the surface with **Nu-EcoSafe Degreaser** and rinse
- Allow to dry thoroughly prior to treatment

Nu-EcoSafe Rust should not be diluted prior to application

- Apply **Nu-EcoSafe Rust** via desired application method

Note: for heavy rusted areas, place a rag on the affected area and saturate. Allow to stand for 30 minutes and check to ensure conversion. Repeat as necessary and allow to dry.

Drying Time: 10 – 15 minutes depending on surface corrosion and ambient conditions.

Recoat: **Nu-EcoSafe Rust** will inhibit rust for approximately 3 months. Recoating is recommended as rust reoccurs.

Full Cure: N/A

Clean Up: Protecting Our Environment is important to Nutech Paints:
Clean up with clean water. Do not pour leftover converter/inhibitor down drains or in rubbish bins. Unwanted converter/inhibitor should be kept in a sealed container and then disposed of via special waste collection services.
Empty containers should be left open in a well ventilated area to dry out. Dispose of empty containers in accordance with local authority's guidelines. Always check with your local council first.

First Aid: **SEEK IMMEDIATE MEDICAL ATTENTION.** Refer to the appropriate **Nutech Material Safety Data Sheet** (MSDS) for further information.
For medical emergencies only, call: 000

- In case of eye contact, flush thoroughly with water for at least 15 minutes.
 - In case of skin contact, wash affected areas with soap and water. If irritation persists.
 - Remove and wash contaminated clothing.
 - If inhalation causes physical discomfort, remove to fresh air.
 - If discomfort persists, or any breathing difficulty occurs or if swallowed seek medical advice.
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Disclaimer: The information provided in this data sheet is based on many years' experience and is correct to the best of our knowledge. However, since the use of our product, surface conditions, weather and a number of other factors are completely beyond our control, we can only be responsible for the quality of our product at the time of dispatch. For more information please contact Nutech Paint. As this information is of a general nature, we cannot assume any responsibility in individual cases.

The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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