

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:	<p>Ensure that all areas not to be treated are suitably protected.</p> <p>For best results:</p> <ul style="list-style-type: none"> • 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 <p>Nu-EcoSafe Rust should not be diluted prior to application</p> <ul style="list-style-type: none"> • Apply Nu-EcoSafe Rust via desired application method <p>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.</p>
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:	<p>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.</p>
First Aid:	<p>SEEK IMMEDIATE MEDICAL ATTENTION. Refer to the appropriate Nutech Material Safety Data Sheet (MSDS) for further information. For medical emergencies only, call: 000</p> <ul style="list-style-type: none"> • 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.

Warranty: Nutech Paint warrants its products to be free from defects in material and workmanship. Nutech's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Nutech's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the non-conforming products. Any claim under this Warranty must be made by Buyer to Nutech Paint in writing within five days (5) of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Nutech Paint of such non-conformance as required herein shall bar Buyer from recovery under this Warranty. Nutech Paint makes no other warranties concerning the product. No other warranties, whether express, implied or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall Nutech Paint be liable for consequential or incidental damages.

Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Limitation of Liability: Nutech's liability on any claim of any kind, including claims based upon Nutech's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which gives rise to the claim. In no event shall Nutech be liable for consequential or incidental damages.

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.

Any recommendation or suggestion relating to the use of the products made by Nutech Paint, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by buyers having requisite skill and know-how in the industry and therefore it is for buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

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