

Technical Data Sheet

EcoSafe Rust Converter and Inhibitor

Product Description:	<p>EcoSafe Rust is an environmentally friendly, water based, and highly effective rust converter and inhibitor designed specifically for ferrous metal substrates. EcoSafe Rust is a fast and convenient way to treat rusted steel where traditional methods of rust removal or prevention are not practical.</p> <p>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.</p>
Features:	<ul style="list-style-type: none"> • Water based • Low odour • Easy clean up • Excellent adhesion to coatings • Surface protection for up to 3 months without top coating
Safety Precautions:	<p>Observe all Occupation Health and Safety (OH&S) precautions.</p> <p>Refer to the relevant Safety Data Sheets (SDS) for product safety related information.</p> <p>For more information or assistance: Nutech 03 9770 3000 nutech.com.au</p> <p><i>Use impervious gloves and wear eye protection when preparing the surface.</i></p>
Chemical Type:	Phosphoric acid blend
Product Attributes:	<p>PH (Direct reading): <1.0</p> <p>Solubility: Water</p> <p>Flash Point: > 93.3°C</p> <p>VOC: Low</p>
Appearance:	Colourless viscous liquid
Typical Applications:	Domestic & Multi Density Residential, Industrial and Commercial uses where convenient and practical rust inhibition is required.
Packaging:	750ml spray bottle, 2.5L, 5L, 10L, 20L
Coverage / Spread Rate:	<p>8-10m²/L per coat</p> <p>Note: Coverage will depend on the roughness of the surface.</p>
Storage/ Shelf Life:	<p>24 months when stored at 25°C.</p> <p>Cool, dry location. Avoid contact with direct sunlight and heat</p>
Suitable Substrate Types:	EcoSafe Rust is suitable for ferrous steel
Climatic Conditions:	<p>10°C to 30°C ambient, dry conditions.</p> <p>Do not apply if rain is expected within the next 12 hours, or if it is late in the day or early morning.</p>
Application Equipment:	Brush, roller, hand pump spray OR airless spray
Mixing/ Thinning:	No mixing/thinning is required

Preparation:	<p>Remove any oil, grease, dirt, flaking paint, loose rust, and other contaminants to ensure proper adhesion and performance.</p> <ul style="list-style-type: none"> • Protect all areas that are not intended for treatment. • Remove any loose or flaking rust by hand wire brushing or using mechanical abrasion. • Clean the surface with EcoSafe Degreaser, then rinse thoroughly with water. • Allow the surface to dry completely before applying EcoSafe Rust.
Test Patch:	<p>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.</p>
Application Procedure:	<p>EcoSafe Rust should not be diluted prior to application</p> <p>For larger areas, scrub or brush the product into the surface using a soft-bristle broom to ensure full and even coverage. Let it sit for approximately 30 minutes.</p> <ul style="list-style-type: none"> • The rust is fully converted when it turns white. • Inspect the area and repeat the process if needed. • Allow the surface to dry completely before applying any topcoat. <p>For areas with heavy rust buildup: Place a rag on the affected area and saturate with EcoSafe Rust</p>
Drying Time:	Ambient conditions @ 25°C and 60% relative humidity
Touch Dry:	10-15 minutes, depending on surface corrosion and ambient conditions
Recoat:	EcoSafe Rust will inhibit rust for approximately 3 months. Recoating is recommended as rust reoccurs.
Clean Up:	<ul style="list-style-type: none"> • If cleaning is required, use clean water. • Soak brushes, rollers, and other tools in the water for 10-20 minutes, then rinse with fresh water. • Spray gun: Run water through the spray gun until the output runs clear. <p>Protecting Our Environment is important to Nutech:</p> <p>Always clean up with cold waters, making sure to do so away from any drains. Do not pour leftover converter/inhibitor into drains or waterways. Instead, store any unused product in a sealed container and dispose of it through an approved special waste collection service.</p> <p>Leave empty inhibitor/converter containers open in a well-ventilated area until any remaining product has dried completely. Once dry, dispose of the containers according to your local council's waste disposal guidelines. Check with your local authority to ensure proper disposal methods are followed.</p>

First Aid:**SEEK IMMEDIATE MEDICAL ATTENTION.**

Refer to the appropriate **Nutech Safety Data Sheet** (SDS) for further information.

For medical emergencies only, call: 000

- **Eye contact:** Flush eyes thoroughly with water for at least 15 minutes.
- **Skin contact:** Wash affected areas with soap and water.
- **Clothing:** Remove and wash contaminated clothing.
- **Inhalation:** If inhalation causes discomfort, move to fresh air.
- ***If symptoms persist, breathing becomes difficult, or the product is swallowed, seek medical advice immediately.***

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Warranty:	<p>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.</p> <p>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.</p>
Limitation of Liability:	<p>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.</p>
Disclaimer:	<p>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.</p> <p>As this information is of a general nature, we cannot assume any responsibility in individual cases.</p> <p>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.</p> <p>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.</p>

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