

# Technical Data Sheet

## Nu-EcoSafe MossRid

**Description:** **Nu-EcoSafe MossRid** is a biodegradable and environmentally friendly alternative to high alkalinity based exterior surface cleaners. Its combination of pH neutral, broad spectrum biocide surfactants can be applied to just about any exterior surface prone to biological contamination such as moss, lichen, mould spores and algae.

**Nu-EcoSafe MossRid** can be used as a surface preparation treatment in the repainting of roofing and flooring materials or as a longer term passive cleaning system to maintain surface spoilage bacteria prone areas cleaner for longer without harsh scrubbing.

- Features:**
- Passive cleansing properties every time it rains
  - Long lasting surface protection
  - Broad spectrum biocide
  - Biodegradable
  - Safe around plants and trees
  - Contains no bleach
  - Long shelf life
  - Suitable for multiple sterilisation use

**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, eye protection and if used in a poorly ventilated area, use an approved respirator.

**Provisions:** **Tank water and use of Nu-EcoSafe MossRid:**  
 Before application, the water collection must be disconnected.  
 After application, allow 2 good rains and 4 weeks prior to reconnection.

**Pets, Poultry and Livestock:**  
 Under normal circumstances pets and animals are safe. However, as a precaution keep animals off the treated areas until it is dry, to ensure it is not ingested.

If accidental contact occurs wash the affected areas immediately with clean fresh water as a precaution. If in doubt contact your Veterinarian for further advice.

***Surfaces treated with MossRid may discolour which is to be expected.  
 This discoloration is not permanent and will dissipate over a short period of time.***

**Chemical Type:** Quaternary ammonium solution

**Product Attributes:** pH: 7 Neutral  
 Per Cent Volatiles (VOC): > NIL  
 Solubility: In Water  
 Minimum Film Forming Temperature: N/A  
 Appearance: Clear viscous liquid

**Typical Applications:** **Roofing:** Concrete & Clay Tiles, Pressed Metal Tiles Inc Decramastic & Decrabond, Fibrolite, Coloured Steel, Zincalume, Galvanized Iron, Aluminium Sheeting, Timber Shingles & Shakes, Asphalt & Bitumen Roofs.

**General:** Grouting, Sports Surfaces, Limestone, Sandstone, Marble, Granite, Natural Stone, Asphalt (Blacktop), Concrete, Bricks & Paving, Ceramic Tiles, Glass, Paintwork, Timber Decks/ Teak Furniture, Tombstones, Coated Aluminium, Vinyl & PVC Cladding, Fibreglass, Outdoor Umbrellas, Outdoor Furniture, Textured Finishes, Weatherboards, Pool Surrounds, Outdoor Pots, Shade Sails, Canvas Tents, Caravan Awnings, Flexipave, Plastic, Water Craft, Yacht/Dodgers Sails, Animal Enclosures and Lichen on Trees\*.

\*For delicate and sensitive plants, was off immediately with clean fresh water.

<b>Coverage / Spread Rate:</b>	<b>4-12m<sup>2</sup>/L</b> Note: Coverage will depend on the porosity and roughness of the surface.	
<b>Packaging:</b>	2.5L, 5L, 10L	
<b>Storage:</b>	Cool, dry location. Avoid contact with direct sunlight and heat	
<b>Shelf life:</b>	Stored 24 months @ 25°C	
<b>Recommended Substrates:</b>	Refer to <b>Typical Applications</b> outlined in this TDS or contact Nutech Paint	
<b>Test Patch:</b>	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.	
<b>Substrate note:</b>	N/A	
<b>Application:</b>	Watering can Hand/ Pump Sprayer Airless Spray	
<b>NOTE:</b>	<p>The best time to apply <b>Nu-EcoSafe MossRid</b> is on a cool dry windless day when no rain is expected for 4-5 hours. Early evening is often the best time when evaporation of the product is minimal.</p> <p>No special equipment is required, just dilute and apply MossRid. Easy maintenance; After the first application simply reapply <b>Nu-EcoSafe MossRid</b> at the first sign of recontamination.</p> <p>2.5Lt of <b>Nu-EcoSafe MossRid</b> concentrate will typically make 25Lt of solution diluting at 1:9</p>	
<b>Procedure:</b>	<p><b><u>Prior to Repainting Roofing and Footpaths</u></b></p> <p><b>Note:</b> Where applicable, this system is not to replace the process for degreasing. Refer <b>Nu-EcoSafe Degreaser</b> TDS as required.</p> <p><b>Dilution &amp; Application:</b></p> <p><b>1 Part</b> Nu-EcoSafe MossRid to <b>5 Parts</b> Water saturating the surface to be treated.</p> <p>Allow a <u>minimum 72 hours to activate</u> prior to high pressure cleaning (3000psi)</p> <p>Allow surface to thoroughly dry prior to priming, painting or sealing</p>	<p><b><u>Passive Cleaning System – “apply and forget”</u></b></p> <p><b>Dilution &amp; Application:</b></p> <p><b>Light Soiling:</b> <b>1 Part</b> Nu-EcoSafe MossRid to <b>9 Parts</b> Fresh Water</p> <p><b>Heavy Soiling:</b> <b>1 Part</b> Nu-EcoSafe MossRid to <b>5 Parts</b> Fresh Water</p> <p>Saturate the surface to be treated.</p> <p><b>*Lichen on Trees:</b> <b>1 Part</b> Nu-EcoSafe MossRid to <b>7 Parts</b> Fresh water.</p> <p>*Only spray in the autumn or winter when the trees are dormant. Be aware that certain species of lichen will die on the surface and not change colour. After 2 – 3 weeks, lightly brush off the lichen remnants.</p>
<b>Drying Time:</b>	As Per Ambient Conditions	
<b>Recoat:</b>	First sign of recontamination	
<b>Clean Up:</b>	<p>Protecting Our Environment is important to Nutech Paints: Clean up with clean water. Do not pour leftover <b>Nu-EcoSafe MossRid</b> down drains or in rubbish bins. Unwanted <b>Nu-EcoSafe MossRid</b> should be kept in a sealed container and then disposed of via special waste collection services.</p> <p>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>	

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**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
  - 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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**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.

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**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.

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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.

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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