

Product Description	A single component, water-based cleaner, 100% biologically degradable and free of toxins. HOCNF certified. Non-flammable.
Area of use	Oxide Gel is developed to remove oxidation from aluminum before painting / coating. Oxide Gel can also be used for general cleaning of aluminum.
Practical information	Color: Clear Thickness: 400-500 Microns WFT. Theoretical coverage: 2m ² /liter when applying 500 Microns WFT. Practical coverage: Allow for 10-15% loss.
Regulatory data	Value: ~1177,03 kg/m ³ pH: <2 Viscosity: ~3500 mpa Ecotoxicity: Not classified as dangerous for the environment
Before applying Oxide Gel	<u>Painting / coating of aluminum:</u> Be aware! Oil and grease must be removed by the use of high pressure washer at a minimum of 90°C at minimum 300 bar pressure and 16 liters/min before surface treatment of aluminum. <u>General cleaning of aluminum:</u> Oxide Gel can be applied directly on to the surface, but we recommend washing with high pressure at 90°C or more if the surface contains a high level of hydrocarbons / oil. Galvanized surfaces can be affected by the product, and should therefore be covered up. GRP (e.g. Fibaclad FRM1) will experience surface discoloration if exposed to the product.

Application	<p>Mixing: Mixing should not be required.</p> <p>Mixing ratio: N/A</p> <p>Airless spray: Recommended. Apply with a 17-32 nozzle with a spray angle of 60 to 85°. Pressure at nozzle should not exceed 105 kg/cm² (1500 psi). High pressure is not required to apply a uniformed coat. See Product Characteristics.</p> <p>Air Spray (pressure pot): Not suitable</p> <p>Air Spray (Conventional): Not suitable</p> <p>Brush/roller: Possible. Use a soft brush and apply generously and even. Normally 200-300 microns can be achieved.</p> <p>Thinner: Not recommended</p> <p>Cleaner: Clean water</p> <p>Product containers should be sealed when not in use to prevent product from drying out. Clean equipment immediately after use with water. Dispose of washing in accordance with local environmental legislation.</p>
Removal	<p>High pressure water 300-500 bar pressure with a minimum of 16 liters/min is advised whenever treatment with coating / epoxy on aluminum is intended afterwards.</p> <p>Lower pressure can be used when only intent is general cleaning of aluminum, with no treatment of the surface afterwards.</p>
Product Characteristics	<p>Maximum film build in one coat is best attained by airless spray. When applying by methods other than airless spray, the required thickness is unlikely to be achieved. Typical working pressures for airless spray application are approximately 105kg/cm² (1500 psi). This allows both an even atomization and film formation to be achieved. Excessive pressures should be avoided, as this can lead to poor atomization and film formation, thus reducing product efficiency. Test patching is recommended to determine activation time and removal efficiency prior to full application. When applying the product in confined spaces ensure adequate ventilation. Protect the product from freezing at all times during storage.</p>

Safety precautions	<p>This product is intended for use by professionals, in accordance with the advice given on this sheet, the Material Safety Data Sheet (MSDS) and the container(s), and should not be used without reference to the MSDS which Nordic Green Products provide its customers. All work involving the application and use of this product should be performed in compliance with all relevant national Health, Safety and Environmental standards and regulations. For health and safety reasons this product must not be transferred out of its original packaging.</p> <p>If in doubt regarding the use of this product, consult Nordic Green Products AS for further advice.</p>
Pack size	<p>5 litre can 20 litre can 1000-litre IBC container</p>
Shipping weight	<p>1,177 kg/litre U.N Shipping No. Non-hazardous</p>
Storage	<p>Shelf life: 12 months at 20°C. Subject to re-inspection thereafter. Store in dry, shaded conditions. Protect from freezing at all times during storage.</p>

Important note

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. 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 development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

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