

Rust Remover

PRODUCT DESCRIPTION

A single component, water-based rust remover / cleaner gel. Interplus 4103 Clean Cons is 100% biological degradable and free from toxins.

Interplus 4103 Clean Cons conforms to the yellow classification of the Harmonised Offshore Chemical Notification Format (HOCNF).

INTENDED USES

Interplus 4103 Clean Cons is designed to remove light to medium rust deposits from a variety of surfaces.

Suitable for cleaning pipe systems, coolers, heat exchangers etc., or for use in dip trays.

Can be used on a range of substrates, including carbon steel, stainless steel, plastic and polyester.

PRACTICAL INFORMATION FOR INTERPLUS 4103 CLEAN CONS

Colour	Yellow
Gloss Level	Not applicable
Practical Coverage	Allow appropriate loss factors
Drying Time	Not applicable. See Product Characteristics section for further details

REGULATORY DATA

Flash Point (Typical)	61°C (142°F)	
Product Weight	1.142 kg/l (9.5 lb/gal)	
VOC	0.00 lb/gal (0 g/l) 0 g/kg	EPA Method 24 EU Solvent Emissions Directive (Council Directive 2010/75/EU)
See Product Characteristics section for further details		

Protective Coatings

Rust Remover

SURFACE PREPARATION

Prior to application of Interplus 4103 Clean Cons, any loose rust deposits should be removed to aid penetration of the product. Surfaces not to be treated should be masked and protected with polyethylene. A strong ground sheet should be used to contain residue, product and rinse water. For further details, contact International Protective Coatings.

Galvanised surfaces can be affected by Interplus 4103 Clean Cons; these areas should be covered. Use of Interplus 4103 Clean Cons on GRP will cause discoloration of the surface.

Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

Application Conditions

Optimal working temperature range is 8 - 50°C (46 - 122°F). Interplus 4103 Clean Cons can be used at temperatures as low as 2°C (36°F) and a maximum of 60°C (140°F), but a lower level of performance should be expected.

For best results, it is advised to suitably cover the application area to reduce the effect of wind, rain and intense sunlight.

APPLICATION

Mixing	Dilute with clean potable water only						
Mix Ratio	<p>Depends on the level of contamination present:</p> <table> <tr> <td>High contamination</td><td>50% water</td></tr> <tr> <td>Medium contamination</td><td>70% water</td></tr> <tr> <td>Low contamination</td><td>90% water</td></tr> </table> <p>It is recommended that a small area is tested in order to confirm the level of dilution required.</p>	High contamination	50% water	Medium contamination	70% water	Low contamination	90% water
High contamination	50% water						
Medium contamination	70% water						
Low contamination	90% water						
Thinner	Clean potable water						
Cleaner	Clean potable water						
Work Stoppages	Product containers should be resealed to prevent drying out of the product.						
Clean Up	Clean equipment immediately after use with water. Dispose of washing in accordance with local environmental legislation. Neutralising and dilution with water may be required to meet local waste or sewage disposal requirements. Spills should be contained and disposed of under the same requirements.						
Removal	High pressure water wash and/or steam cleaners improve removal rates and reduce water usage. Pressure greater than 4000 p.s.i. is advised for large areas and to aid removal of alkaline salts from steel substrates. Cleaned surfaces should be repainted as quickly as possible to prevent reoxidation.						

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PRODUCT CHARACTERISTICS

Interplus 4103 Clean Cons will take 4 - 24 hours to take effect. This is dependent on the type of surface and on the temperature.

When applying Interplus 4103 Clean Cons in confined spaces ensure adequate ventilation.

Interplus 4103 Clean Cons must be protected from freezing at all times during storage.

SYSTEMS COMPATIBILITY

To ensure good overcoating of approved maintenance primers, it is important that the treated surface is free from all residue contamination and a thorough rinsing and wash down has been undertaken.

The surface should be clean and dry prior to overcoating with approved primers.

The following primers are approved for application direct to steel surfaces treated with Interplus 4103 Clean Cons:

- Interplus 356
- Interseal 670HS
- Interzone 954

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ADDITIONAL INFORMATION

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following documents available at www.international-pc.com:

- Definitions & Abbreviations
- Surface Preparation
- Paint Application
- Theoretical & Practical Coverage

Individual copies of these information sections are available upon request.

SAFETY PRECAUTIONS

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Safety Data Sheet and the container(s), and should not be used without reference to the Safety Data Sheet (SDS).

All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards and regulations.

For Health and Safety reasons this product must not be transferred out of its original packaging.

If in doubt regarding the suitability of use of this product, consult International Protective Coatings for further advice.

PACK SIZE	Unit Size	Vol	Pack
	25 litre	25 litre	25 litre
	1000 litre	1000 litre	1000 litre
For availability of other pack sizes, contact International Protective Coatings.			
SHIPPING WEIGHT (TYPICAL)	Unit Size		
	25 litre	29.65 kg	
	1000 litre	1205 kg	
STORAGE	Shelf Life	24 months at 20°C (68°F). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition. Protect from freezing at all times during storage.	

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.

This Technical Data Sheet is available on our website at www.international-marine.com or www.international-pc.com, and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.

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