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| Type of material | <p>Liquid phosphate-based rust converter for chemical pre-treatment of steel with rust retarding inhibitors. Colourless liquid for removing rust for subsequent corrosion protection coatings.</p> <p>Conventional rust converters are coatings with passivating agents to convert the rust layer. The rust layer is usually very variable, so that too much or too little passivation can have a rust-promoting effect. FAKOLITH FK 9 can be removed thoroughly with water or solvent after a short exposure time, so the passivation can be regulated. Afterwards, a protective coating is required to provide lasting protection against rust.</p> <p>The surfactants used are derivatives of soybean and coconut oil are particularly environmentally friendly.</p> |
| Properties | Substrate pre-treatment. Removes rust for subsequent corrosion protection coatings. |
| Areas of application | <p>The precondition for any effective corrosion protection measure is that the substrate to be protected is first made rust-free. A high degree of rust removal offers the best guarantee for the adhesion of subsequent coatings. Sandblasting is not always feasible or economical. For renovation work, the FAKOLITH rust protection system with rust converter FK 9 and protective coating FK 19 has proven its worth.</p> <p>Recommended for use in the food industry and wherever steel has to be processed. Not suitable for acid-sensitive surfaces such as aluminium.</p> |
| Substrates | Steel metals |
| Processing | Apply pure to the surface to be treated with a brush or sponge. Allow to react for a few minutes (emulsify). Steam off treated surface with clear water or solvent, rinse, wash off and allow to dry before further treatment. Apply with sponge, brush, paintbrush, etc. Wear acid-proof gloves during application. |
| Waiting time after application | The room can be used again immediately after application if well ventilated. |
| Density | Approx. 1.25 |
| PH value | Approx. 1.2 |
| Ingredients | Surfactants, solubilisers, phosphates, corrosion inhibitors |
| Flash point | Not applicable |
| Colour shade | Colourless |
| Consumption | Depending on the degree of rusting |
| Dilution | Use pure |
| Application temperature | From +2°C |

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| Storage | 2 years (closed containers), store in a cool and frost-free place. |
| Container | 1 and 5 litre canisters |
| Occupational safety | For correct handling, read the safety data sheet, use your personal protective equipment and take the prescribed measures. |
| Disposal | Dispose of in accordance with official regulations. Only empty containers should be recycled. |
| Note | <p>May cause severe skin irritation if not applied correctly. FAKOLITH FK 9 should not get into the hands of children. In case of contact with eyes, rinse thoroughly with water and seek medical advice.</p> <p>Immediately remove contaminated, soaked clothing. Wear suitable protective gloves and goggles/face protection during work. Please request safety data sheet.</p> |
| Safety datasheet | See Internet www.fakolith.de |

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