



KORALON®

Water-dilutable corrosion remover; does not damage plastics, glass, rubber, aluminium. Non-combustible, ecological, biologically degradable, without warning symbols; does not contain acids.



USAGE

Professional, ecological corrosion remover. It does not damage light metals, plastics, rubber, glass, chromium, or paints thanks to its pH-neutral composition. The components to be quit of corrosion need not be dismantled. The solution can be used repeatedly.

USER MANUAL

1. Remove grease and free corrosion from the components to be cleaned. By this, the process of de-rusting will be sped up and the life of the solution will be extended, as well as its potential repeated use. KORALON® concentrate should be diluted with water in 1 : 4 ratio (1 unit of the concentrate : 4 units of water). The process of de-rusting can be sped up by the use of hot water. The ideal temperature of the solution is 20 to 50 °C. It means that a thing which is de-rusted in one hour at 20 °C will need up to 5 hours at 7 °C.

2. Dip the components to be de-rusted in hot solution. Check the de-rusting process regularly, and wait until rust is dissolved.

3. Rinse the cleaned components with water.

De-rusting of large objects:

Provide for incessant circulation of the solution over the corroded surface until rust is completely dissolved. Use a big vessel, canvas etc. to be placed beneath the object cleaned, connect it to a small pump with a hose, and let KORALON® solution circulate over the corroded surfaces. Rinse the cleaned components with water.

The removal of deep corrosion (5 mm or more) may require letting the solution overnight. Average time necessary to remove rust is 5 to 12 hours. As prevention of corrosion, dip in clean KORALON® solution again and let dry. It is also possible to use an atomizer and let dry. For repeated use of the solution, remove the released corrosion from it, e.g. by filtering it. Evaporation of the solution – like all liquids based on water lose water by evaporation, KORALON® solution loses volume due to the effect of temperature and long exposure. The use of closed vessels is recommended. If this is not possible, mark the level on the vessel before cleaning. After cleaning, check the level, and replenish evaporated water up to the initial level.

Examples of applications



NOTICE

If losses are caused by spilling, dropping or leaking, do not add water so as not to dilute the solution. Reactions with materials: KORALON® does not contain acids, and so it can be safely applied to various surfaces, like glass, chromium, rubber, sealants, aluminium, brass, copper. Reactions with paints should be tested. Paint softening may occur in old paints in the case of exposure exceeding 10 hours. KORALON® does not remove rust beneath paints.

TECHNICAL DATA

State (20 °C)	liquid
Colour	transparent to light reddish
Smell	slight
pH value	5.5-6.5
Density (20 °C)	1.03 g/cm3

CONTENT

STOCK NUMBER

900 ml bottle	200 740
5 l can	200 742
25 l can	200 745

All products of NOVATO® spol. s.r.o., which are a chemical mixture or a dangerous chemical mixture, are properly classified, marked and equipped with safety data sheets in accordance with the Chemical Act and relevant regulations within the EU. All hazardous mixtures have a safety data sheet, which is freely available on our website www.novato.cz, eventually at our sales representatives and in the sales department of the company. All users of NOVATO® products are legally required to familiarize themselves with the technical and safety data sheets of the product concerned to ensure proper use, storage and handling of the product. Our oral and written technical recommendations, which we transmit with the utmost knowledge, cannot cover all details and conditions of the application and do not exempt users from their own examinations and tests in relation to third party rights. Therefore, the user is obliged to perform tests and tests for individual applications in such a way as to eliminate all risks associated with the application of the chemical mixture, especially the hazardous chemical mixture, as these applications and their conditions are beyond our control possibilities. NOVATO® spol. s.r.o. guarantees the declared quality of its products and the properties described in the technical and safety data sheets.

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