

## TECHNICAL DATA SHEET (TDS)

# RUST REMOVER “Mangiaruggine”

ID Product Code 075



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**Specific gel cleaner for rust removal on stones and metals.**

### Product description:

RUST REMOVER "MangiaRuggine" ("RustEater" in Italian) is a gel product, especially formulated for the elimination of stains of rust on all lapideous materials such as marbles, granites, calcareous stones, slate, terracorra and ceramics. It does not contain acids and so, unlike other similar products, it can be safely used also on polished marbles, without ruining the shine. The RUST REMOVER acts quickly and it removes rust without effort. The product does not damage steel, iron or aluminum and can be used to remove rust from metals.

### Chemical characteristics:

Appearance	Gelly
Color	Transparent yellow
Odor	Characteristic with perfume
Specific gravity at 20° C (68° F)	1,05±0,02
Hydro-solubility	Soluble at every ratio
pH	7,50 ±0,02
Shelf life at 20°C (68° F)	24 months in original container

### Instruction for use

Wet in advance the surface with clean water. Then apply a 5 mm thick layer of RUST REMOVER on the stain of rust to be removed, using a spatula or a small shovel. Once the product has been evenly distributed on the stain to be eliminated, let RUST REMOVER work, it will turn its original transparent yellow color into **opaque dark purple**. This coloring shows that the necessary reaction for rust removal has correctly occurred. Time of activation of RUST REMOVER can considerably change, depending on the material on which it is applied and surface finish aspect. In general, on materials with shiny finish it is necessary to wait more time. In any case, it is suggested to perform preliminary tests for determine specific time of activation. Once the reaction has happened, it is suggested to leave not the RUST REMOVER on treated material for more than 10 minutes, in order to avoid that reacted product could penetrate in the material. **Rinse with abundant water and repeat the application if necessary.** For big areas it is possible to rinse using a pressure washer.

### Application tools



Plastic trowel



Brush



DISCLAIMER All data indicated in this leaflet are the results of tests and experiments carried out in our laboratories and through reliable operators in the stone business and have to be considered reliable. Because of the many factors which can influence them, the information here reported do not constitute implicit or formal guarantees. The end user undertakes the responsibility in the usage of the product making sure to experiment the product characteristic as preventive measure. Bellinzoni srl reserves the right to make changes to the products shown in this card, at any time without prior notice. The pictures shown are approximate, as a printed reproduction causes inevitable differences.



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### Suggestion for use and recommendations:

In case that after first application the stain is not completely disappeared, proceed to further applications.

- Read carefully the recommendations printed on label before use.
- Always perform a test before use.

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**On light materials it could happen that reaction of RUST REMOVER with rust generate a light pinkish spot on the material, this is caused by the absorption of the color by the stone. This “shadow” can be easily removed cleaning the surface using the WHITENING CLEANER VIP10.**

### Application surfaces

Marble, granite, porcelain, ceramic, terrazzo, porphyry, cement, stones, metals.

### Coverage

The product is studied for particular application, coverage is subjected to the type, quality and quantity of rust spot. Theoretically applying 5 mm thickness of gel it is possible to cover approx 10 sqm (120 sqft) with one liter of product.

### Safety procedures

As far as the proper working procedures is concerned, we recommend to consult Material Safety Data Sheets issued according to E.U. rules and to follow your national laws concerning safety in the working place. MSDS is available on our web site [www.bellinzoni.com](http://www.bellinzoni.com)

### Packing

Item N°	Packing	Pcs
075MARU0250	250 ml	10
075LMARU001	1,00 lt (33,82 fl.oz.)	15
075LMARU005	5,00 lt (1,32 Gal)	2
075LMARU025	25,00 lt (6,60 Gal)	1

The composition of the tins and drums are High Density Polyethylene (HDPE). After use, comply with the local and national regulations currently in force regarding recycling. Our packing is conformed as per U.N. rules for inland transport (A.D.R.) and by sea (I.M.O.) for transportation via air refer to updated rules (I.A.T.A.). For further information regarding transport please check MSDS.

### H.S. Code

34.02.1900

### Trademark and Origin of the good

BELLINZONI® is a registered trademark of Bellinzoni company. The law considers a trademark to be a form of property and any misuse can be persecuted by law. Bellinzoni s.r.l. declares that our product RUST REMOVER “MangiaRuggine” is **MADE IN ITALY**.



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