



# DELICACID®

## ACID DESCALING DETERGENT FOR STONE MATERIALS



### User guide

#### DESCRIPTION:

Acid solution in water based on sulfamide acid, phosphoric acid, non-ionic surfactants.

#### FIELDS OF APPLICATION:

For the descaling cleaning of stone materials resistant to acidic substances such as: stone, klinker, porcelain tiles, glazed ceramic, grit, marble, palladian, cotto and terracotta, cement.

#### CHARACTERISTICS:

**DELICACID** is an acid-buffered descaling detergent for acid-resistant stone materials, such as cotto, klinker, stone, terrazzo and ceramic materials.

#### **DELICACID:**

- is a mild acid detergent with controlled action, ideal for cleaning even the most delicate stone materials (natural stones, grits, tiles, palladian, cement);
- can be used for descaling after installation or after construction, for the removal of efflorescence, cement encrustations, paints;
- can also be used outdoors for the periodic removal of limescale incrustations due to atmospheric agents;
- can be used for manual and mechanical washing (e.g. washer-dryer, high-pressure washer);
- does not contain hydrochloric acid;
- does not fumigate or develop toxic vapours.

Do not use **DELICACID** on polished limestone (e.g. marble, travertine), Italian slate (slate) and polished agglomerates (e.g. grits, marble, cement).

#### INSTRUCTIONS FOR USE:

It can be used pure or diluted in water.

- Dilute one part of DELICACID in 1 or 2 parts of water: for descaling washes after laying on klinker and ceramic materials;
- Dilute 250-300cc of DELICACID in 1 liter of water: for descaling washes after laying on stones and cement agglomerates;
- Dilute 50-100cc of DELICACID in 1 liter of parts of water: for ordinary decalcifying washing and for removing efflorescence.

How to use the product:

- Spread the product on the surface and let it act for a few minutes;
- Rub the surface with pads, discs in plastic fibers or nylon or tynex brush;
- Repeat the wash if necessary;
- Always rinse with plenty of water.

#### PRECAUTIONS:

- avoid stagnation of the product on the surface;
- avoid the use of DELICACID on any polished material containing calcium carbonate (polished marble and travertine, black slate, polished grit). It is advisable, in case of doubt about the nature of the stone material, to carry out a resistance test on the material out of work.

#### NOTES:

Our indications are based on the current knowledge of the research and are intended to give the best guidance to the buyer-user. However, such indications require preliminary examination and testing of the fields of use, the types of materials present and the various conditions of application. The user decides independently on the suitability and the field of use. MARBEC Srl assumes no responsibility for the incorrect use of its products.  
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## WARNINGS:



### WARNINGS: DANGER

**Hazard statements:** Causes severe skin burns and eye damage.

**Precautionary statements:** Do not breathe dust / fume / gas / mist / vapors / spray. – Wear protective gloves / clothing and protect eyes / face – IF SWALLOWED: rinse mouth. DO NOT induce vomiting. – IF IN CONTACT WITH SKIN (or hair): immediately remove all contaminated clothing. Rinse the skin / take a shower. – IF IN CONTACT WITH THE EYES: rinse thoroughly for several minutes. Remove any contact lenses if easy to do. Continue rinsing. – Wash contaminated clothing before wearing it again.

**Contains:** Phosphoric Acid 75%

Ingredients compliant with Regulation (EC) No. 648/2004:  
Phosphates between 5% – 15%; non-ionic surfactants below 5%. Scent: geraniol, citronellol.

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Rev7-Ver250122

## PACKAGING:

- 1 liter plastic bottle – box of 6 pieces;
- 5 liter plastic canister – box of 4 pieces.
- 20 liter plastic canister
- 200 liter regenerated plastic drum

## YIELD:

Depending on the dirt to be removed and the absorption of the material:

- to remove substantial calcareous residues 1 lt / 4-6 m<sup>2</sup>;
- for normal washings 1 lt / 10-15 m<sup>2</sup>;
- on ceramic materials 1 lt / 20-40 m<sup>2</sup>.

## TECHNICAL DATA:

- Physical state: colourless liquid
- Specific gravity (g/cm<sup>3</sup>): 1,06
- pH: 1
- Concentration: (sol.1%) 2.5
- Flame point (ASTM): non-flammable
- Solubility in water: soluble in water

## STORAGE:

Keep the product tightly closed and at a temperature between 5 and 30 °C in an aerated environment, away from heat sources and not exposed to sunlight for a long time. The stored product has a useful life of 5 years.

## MARBEC SRL

Via Croce Rossa 51  
51037 - Montale PT  
Italia

## CUSTOMER SERVICE

Tel +39 0573959848  
Whatsapp +39 3348578502  
Email [contatti@marbec.it](mailto:contatti@marbec.it)