

# BPB<sup>®</sup> RUST LOOSENER

Acid-free rust convertor

## Consumers

Product No.: 320047000 **! ATTENTION: NEW PRODUCT NUMBER FROM 2024 !**

Product No. until 2023: 329010047

## Product Information:

### Sustainability Assessment:

Biodegradability:

80% (28 days) (OECD 301 B)

easily biodegradable

### Properties:

- excellent penetration depth
- acid-free
- suitable for acid-sensitive natural stones

### Application:

for natural and concrete surfaces

Suitable for outdoor use and gently removes rust deposits. A temporary violet discolouration and the typical bad smell are evidence for effectiveness. The violet discolouration on light-coloured stones disappear after some time by UV radiation. To remove the violet discolouration quickly an alkaline detergent as f. e. BPB<sup>®</sup> System Detergent intense can be used for aftertreatment.

The compatibility with light-colored concrete made with white cement should be tested on a hidden spot. A permanent green-bluish discoloration occurs with some cements.

Rinse the surface to be cleaned with clear water and let it dry briefly. A matt damp substrate is preferable. The processing temperature is between + 15 °C and + 25 °C.

The effectiveness increases as the ambient temperature increases.

Spray the product undiluted onto the rust stains to be cleaned. Leave for approx. 5 - 15 minutes, then finish with a sponge, scrubber or brush. Rinse with plenty of clear water.

In the case of stronger or older rust stains, it may be necessary to repeat the cleaning.

Always carry out a preliminary test to determine the compatibility of the substrate to be treated and to determine consumption.

### Ingredients:

< 5 % non-ionic surfactants

### Quantities to use:

50 - 100 g/m<sup>2</sup>

Never mix with other chemicals or detergents. Keep away from oxidants as f. e. hydrogen peroxide.

### Specifications:

Appearance: liquid  
Colour: colourless to light pink  
Density: 1.15 ± 0.03 g/ml

### Storage:

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 5 years.  
Protect from frost, direct sunlight and contamination.

### Packaging:

Spray Bottle 500 ml

**Safety Rules:**

See EC safety data sheet.

The product should only be used with suitable protective gloves (EN 374) and safety goggles (EN 166).

When cleaning, ensure good ventilation (5 to 15 air changes per hour) or use suction devices.

**Assistance:**

Please contact our Technical Application Centre.

**Industrial use:**

Recommended frequency and duration of use:

Roll/Sweep/Spray: 480 minutes/day with local exhaust ventilation

**Commercial use:**

Recommended frequency and duration of use:

Roll/Sweep: 480 minutes/day

Spray: 240 minutes/day outdoors only

**Consumers:**

Recommended frequency and duration of use:

Amount used per cleaning operation: 0.5 l

1 time per day

Frequency of use: 128 times per year

**Environmental Exposure:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or the sewage system.