

### Lithofin BERO Rust Remover and Stone Cleaner

Natural stones often contain traces of iron, which may oxidise when they come in contact with water either through rain or cleaning. The result of this oxidation is that the stone develops rust and discolouration. Lithofin BERO is specifically formulated to remove these blemishes.

#### Description

Acid based stone cleaner which contains special rust preventing components designed for long-term effect.

#### Technical Data:

Density: 1,2 g/cm<sup>3</sup>

pH-Value: <1 (concentrate)

Appearance: clear, yellowish

Odour: odourless

Solubility in Water: very good, complete

#### Properties

Lithofin BERO chemically changes the rust particles, thereby removing rust discolouration regardless of whether it is a result of the iron in the stone or of environmental influences. Cement residues and similar dirt are also removed.

#### Field of Use

Lithofin BERO removes rust and rust discolouration and is also suitable for removing cement residues from iron containing natural stones. Suitable for acid resistant hard stones such as serizzo, cresciano, calanca, and for granites such as sardo white, etc. On polished surfaces, the effectiveness of the product is limited. Suitable for indoor and outdoor use.

#### Directions for Use

Dilute Lithofin BERO up to 1:3 with water depending on the type and stubbornness of the blemish. Apply the solution to the surface and spread it evenly. After approx. 4 to 8 hours, rinse with plenty of clear water. In case of very stubborn rust discolouration, repeat this procedure after several days. During the cleaning procedure, the surface must be protected from water.

**Please Note:** always test the product in an inconspicuous area prior to use. Lithofin BERO must not be used on polished or fine honed marble and limestone, engineered stone or other acid sensitive surfaces. Enamel, zinc and other acid sensitive materials are attacked by the product. Some natural stones may become slightly darker, this effect will disappear after some time. However, always treat the entire surface to ensure an even appearance. In case of single spots, we recommend Lithofin MN Builder's Clean.

**Coverage:** approx. 7 to 15m<sup>2</sup> depending on the surface. Advice: iron containing stones should always be cleaned with Lithofin MN Builder's Clean because this product removes light rust discolouration and prevents them from forming.

Should Lithofin CEMENT-AWAY be needed because of strong dirt deposits, an after treatment with Lithofin BERO is necessary.

#### Further Treatment

Impregnating the surface with Lithofin SPLASH-STOP or Lithofin MN Colour Intensifier will render it resistant to the penetration of water, thereby greatly reducing the risk of dirt accumulation and rust discolouration.

#### Storage

Keep closed and cool.

Shelf life of up to five years.

#### Environmental Protection

The contained surfactants are biologically degradable according to EU-regulations. The acids are largely neutralized in the cleaning process.

**Disposal:** diluted product may be added to waste water.

Containers are made of environmentally friendly polyethylene (PE). Clean containers can be recycled through collection system.

#### Safety

**Contents:** orthophosphoric-acid (30% to 60%); auxiliary agents.

**Risk and Safety Phrases:** Causes burns. Keep locked up and out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**First Aid Procedures:** remove contaminated soaked clothing immediately. In case of inhalation, take in fresh air.

In case of contact with skin wash off immediately with soap and water. In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice. In case of ingestion, do not induce vomiting. If swallowed by mistake drink plenty of water and seek medical treatment.

**Emergency Procedures:** in case of spill or other release, take up with absorbent material (e.g. sand, sawdust, general-purpose binder). Ensure adequate ventilation. Use personal protective clothing. Product does not burn, fire-extinguishing activities according to surrounding.

**Additional Information** is listed on the Material Safety Data Sheet.

ADR2003		
Unit	Label	Notes on freight papers
a.)	UN1760	none, due to limited quantities

#### Packaging

a.) 1 litre bottle with child-proof cap (10 per box)

**Please Note:** statements concerning environmental and safety issues refer to the product as delivered (concentrated).

This information should be considered to be informal and non-binding. The products must be used according to local conditions and materials. Always test the product in an inconspicuous area. (GB3.10gps/10.08)