

Technical Bulletin

BRICK BRITE

Manganese / Vanadium / Rust – Stain Remover

Product Description:

Brick Brite is an advanced brick cleaning formulation designed for the effective removal of stubborn stains, including rust (iron oxides), manganese, and vanadium discolorations. This formulation contains a carefully balanced blend of acids, surfactants, and inhibitors, optimised for safe and efficient brick restoration.

Features:

- Oxalic acid – particularly effective in reducing vanadium staining, restoring the brick's original appearance.
- Non-ionic surfactant that improves wetting and penetration, ensuring even stain removal.
- Corrosion inhibitor to minimise the corrosive effect to the brick substrate and surrounding areas.

Application:

Brush, roll or spray solution evenly onto dry brick surface (Do not pre-wet bricks). The solution should be applied and allowed to stand. The stain should disappear in 30 minutes – 24 hours. Agitate stubborn stains with a stiff nylon brush.

Rinse off with water using a pressure washer and neutralise the surface with a solution of sodium bicarbonate or other suitable neutralising agent. Do not wash off the neutralising agent or further staining could re-appear.

It is recommended to select a discrete area and always test first.

Application rates:

- 1:20 – for light staining
- 1:5 – for dark staining
- Neat – for extreme stains

As RUSTOX is a combination of organic acid and surfactants, operators should wear protective clothing, rubber gloves and safety glasses at all times. DO NOT take internally. In case of contact, immediately wash skin or eyes with plenty of water for at least 15 minutes. For eyes, consult a doctor.

APPEARANCE	Clear green liquid.
FLASHPOINT	Non flammable
pH	1 - 2
SPECIFIC GRAVITY	1.05 – 1.07
CORROSION	Non-corrosive to most metals and surfaces (test first)

SHELF LIFE: As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 24 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material. **Page 1 of 1**