



MVR

TECHNICAL DATA SHEET

Table of Contents

1. Description	4. Storage & Shelf Life	7. Safety
2. Key Attributes	5. Preparation	8. Terms & Liability
3. Suitable Surfaces	6. Application Instructions	9. Disclaimer

1. Description

GuardIT® M.V.R. (Manganese, Vanadium, Rust) is a safe, easy-to-use alternative to the harsh acids traditionally used in the removal of Manganese, Vanadium, and Rust stains. With M.V.R., there's no need for multiple products, this versatile cleaner effectively removes all three of these common stains from bricks, concrete, sandstone, ceramic, terracotta, bluestone, and other similar surfaces.

2. Key Attributes

- Effective replacement for harmful acids
- Safe to use
- Non-dangerous goods
- Non-corrosive
- Readily Biodegradable
- Phosphate free
- No VOCs
- Non-fuming
- Easy, simple application

3. Suitable Surfaces

- Bricks
- Concrete
- Sandstone
- Ceramic
- Terracotta
- Bluestone
- Natural Stone

It does not damage concrete mortar as it only attacks the offending stains.

4. Storage & Shelf Life

Please store the unopened container in a cool, dry place, away from direct sunlight, and out of reach of children. For best results, maintain a temperature between 3°C and 30°C during storage and transport.

Use the product within 2 to 4 years under these conditions. Effectiveness may begin to decrease after this period.

5. Preparation

Before application, thoroughly rinse the surface with clean water to remove all loose dirt, debris, and surface contaminants. This will ensure optimal product contact with the stain. Allow the surface to dry completely before applying the product. For best results and to ensure surface compatibility, always conduct a test application on a small, inconspicuous area prior to full use.

6. Application Instructions

Apply a thin, even coat of MVR directly to the affected area. For small sections, use a paintbrush or soft brush. For larger areas, apply with a soft broom or low-pressure sprayer. If using a sprayer, take care not to oversaturate the surface. Less is more. Do not rinse after application. Allow the product to work on the stain. In most cases, the stain will begin to fade quickly. For more stubborn stains, leave the product on the surface overnight to allow extended dwell time. A second application may be applied if required. After use, clean all application equipment with water.

7. Safety

Please ensure that the area being treated is well-ventilated. When applying outdoors, avoid doing so in windy conditions.

- **Inhalation:** No first aid measures normally required. If in doubt, contact a Poisons Information Centre or a doctor.
- **Skin Contact:** Gently blot away excess liquid. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.
- **Eye Contact:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed, while holding the eyelid(s) open. No effects expected. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.

- **Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt, contact a Poisons Information Centre or a doctor.

Advice to doctor: Treat symptomatically.

As with any chemical: Ingestion, inhalation, and prolonged or repeated skin contact should be avoided by good occupational work practice.

8. Terms & Liability

GuardIT Solutions warrants this product to be free from defects. Liability is limited to supplying sufficient product to re-treat affected areas where defective product has been applied. As the use of this product is beyond the control of the manufacturer, the purchaser assumes responsibility for loss or injury, however occurring, and shall not hold the manufacturer liable.

Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Not classified as a Dangerous Good according to EU criteria.

Not Hazardous in accordance with the criteria of SWA

Not Dangerous in accordance with Australian Dangerous Goods Code.

KEEP OUT OF REACH OF CHILDREN.

9. Disclaimer

The information provided regarding GuardIT® M.V.R. is for general guidance only. While we strive for accuracy, results may vary based on surface conditions and application methods. Always test on a small area before full application. Follow all manufacturer instructions for best results. The manufacturer is not liable for any damages resulting from improper use or application.