METALCARE GALVANISED IRON CLEANER

PRODUCT CODE: GIC 1

TECHNICAL DATA SHEET

Product Description

A non-abrasive acidic-type cleaner for galvanised steel surfaces.

Intended Uses

- For cleaning of all new and oxidised (weathered) galvanised steel prior to painting.

Features & Benefits

- **METALCARE GALVANISED IRON CLEANER (GIC 1)** is supplied as a ready-for-use blue-green liquid.
- Contains special degreasing additives.
- Removes temporary protective coating from new galvanised steel.
- Removes surface oxidation from old weathered galvanised steel.
- Improves adhesion of the primer to galvanised steel.

Product Information

Appearance	Thin liquid
Colour	Blue-green
Generic Type	Aqueous cleaning agent containing phosphoric acid.
Flash point	> 100 °C

Application Details

Mixing	Shake or stir.
Method	Bristle brush or spray
Thinning	Ready for use
Cleaning	Water

Application Environment

Surface Temperature	Ambient Temperature	Relative Humidity
Min: 10 °C	Min: 10 °C	Min: 10 %
Or 3 °C above dew point		
Max: 40 °C	Max: 40 °C	Max: 85 °C

Coating Time: In coastal areas prime the cleaned surface preferably within 2 hours or at the least 4 hours and in other areas the same day to prevent re-contamination of the surface and the formation of rust.

Storage and Packaging

Store away from direct sun, open flames, sparks and severe cold.
Packaging: 1 L, 5 Land 25 L plastic containers.

Application

- Swab the **METALCARE GALVANISED IRON CLEANER (GIC 1)** onto the surface using abrasive scouring pads and scrubbing thoroughly. Leave in contact with surface for at least one minute.
- Rinse off thoroughly using abrasive scouring pads and clean water to remove all traces of **METALCARE GALVANISED IRON CLEANER (GIC 1)** and other contaminants**.**
- Check that the surface is water break-free. If not, or if it still appears dirty, re-apply **METALCARE GALVANISED IRON CLEANER (GIC 1)** and repeat the above procedure. Allow to dry.
- Prime the cleaned surface as soon as possible to prevent re-contamination of surface.

Caution

- Do not allow to dry on surface. If dry, re-apply and rinse immediately.
- Do not apply with steel or wire brush.
- **Caution:** Contains acid - Traces of acid and cleaning agent remaining on the surface will reduce the adhesion of a primer. **METALCARE GALVANISED IRON CLEANER (GIC 1)** must therefore be thoroughly removed by scouring and rinsing.
- Temporary protective coatings used on new galvanised steel impair adhesion of paints and must be completely removed. A water break-free surface indicates complete removal.
- The oxidation on old galvanised steel can cause poor adhesion of paints due to its relatively weak cohesive strength. It must be removed completely to provide optimum paint adhesion. Not to be used on Alu-zinc or Zinc-alum.

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Safety Precautions	• Always keep paint out of reach of children. • Contains phosphoric acid - rubber gloves and goggles are recommended to protect hands and eyes. If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner • Ensure good ventilation during application and drying. • Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. • Harmful if swallowed. Seek medical attention and do not induce vomiting. • Do not smoke during application. • Flammable. Store in a cool dry place away from heat and sparks. • Refer to Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B. Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

N.B.TO ORDER: Quote product name, product code number, packaging and colour.

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