

METAL CLEAN

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CODE: 840001

REVISION : 01

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GENERAL DESCRIPTION

Metal Clean is a high-performance acidic metal cleaner formulated with phosphoric acid, alcohol and alkyl phosphate surfactants. It removes rust, oxidation, mill scale residues, grease and surface contamination while etching and conditioning ferrous substrates for improved coating adhesion.

Suitable prior to application of primers, epoxies, polyurethanes, alkyds and water-based coating systems.

USES AND PROPERTIES

- Removes light rust and oxidation.
- Degreases and cleans contaminated metal surfaces.
- Phosphate etching improves adhesion.
- Promotes uniform coating performance.
- Fast acting.
- Suitable for manual or spray application.
- Structural steel preparation.
- Tank fabrication and maintenance.
- Cleaning agricultural equipment.
- Automotive components.
- Preparation of steel gates and fencing
- Preparation of Marine steel structures
- Maintenance painting

TECHNICAL DATA

Appearance	:	Clear to slightly hazy liquid
Colour	:	Colourless to light straw
Odour	:	Mild alcoholic / acidic
pH	:	<2
Specific Gravity @ 25°C	:	1.05 - 1.15
Solubility	:	Completely miscible in water
Flash Point	:	>23°C (contains ethanol)
Coverage	:	Approximately 5 - 10 m ² per litre depending on surface profile and method of application
Pack Sizes	:	1 litre, 5 litre, 20 litre

Coverage of **Metal Clean** depends largely on the condition and porosity of the substrate being treated and way the product is applied. Repeat applications may be required.

APPLICATION

1. Apply liberally to surface.
2. Allow reaction time of 5–20 minutes depending on corrosion level.
3. Agitate stubborn areas if required.
4. Rinse thoroughly with clean water.
5. Allow substrate to dry completely before coating application.

Methods of application: Brush, spray, sponge/cloth wipe or immersion.



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SAFETY INSTRUCTIONS

Corrosive – contains phosphoric acid.

Flammable due to ethanol content.

Use appropriate PPE including gloves, goggles and protective clothing.

Refer to the Safety Data Sheet (SDS) before use.

Always keep out of reach of children and animals.

Ensure good ventilation during application and drying.

If accidental contact with skin, wash immediately with soap and water or a recognised skin cleaner.

If accidental contact with eyes, rinse immediately with plenty of water and seek medical advice.

Harmful if swallowed. Seek medical attention and do not induce vomiting.

GENERAL

Different surfaces and environmental conditions require specific painting systems to produce the best possible results.

It is therefore recommended that you contact a Dekro Sales representative for advice on all your painting requirements whenever possible.

PREVENTING PROBLEMS AND GENERAL INFORMATION

Do not allow product to dry on surface without rinsing.

Avoid application in direct sunlight or excessive heat.

Do not mix with alkaline products.

CLEANING, STORAGE AND DISPOSAL

Rinse equipment after use with water.

Close containers tightly after use and store in a cool well-ventilated area.

Do not empty contents or wash water into drains or water courses.

When disposing please follow local authorities' regulations and recycle the container after use.

Avoid storing in direct sunlight and heat.



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The technical data furnished is given to the best of our knowledge based on controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.

e-mail: info@dekro.co.za

Toll Free: 0800 222 423

<http://www.dekro.co.za>

