

Super Descaler

Alkaline C.I.P. Detergent

APPLIED A2670

Description:

Super Descaler is a concentrated phosphoric acid cleaner for the effective removal of rust deposits from iron and steel. Contains a synthetic detergent which easily penetrates oxide deposits and oil films on metal surfaces. After treatment it leaves a light phosphate film, ideal for painting.

Intended Use:

Super Descaler is used to remove rust and mill scale from iron and steel.

Product features:

Fast, thorough removal of rust
Easily diluted liquid
Applied A2670 is ideal for subsequent treatment e.g. painting
Concentrated for value, ease of handling, storage, and transport
Economical
Removes light soils

Typical Physical Properties:

Technical data should be considered representative or typical only and should not be used for specification purposes.

Appearance: **Clear, green liquid.**

Directions for Use:
Dilutions

Small articles:	1:200 to 1:100	0.5 - 1.0% Super Descaler in cold or hot water
Large structures:	1: 6 to 1:4	16 - 25% Super Descaler in cold water, up to 12 hours
Dishwasher use	1:20	5% at 70°C through a wash cycle.

- **Super Descaler** can be used in its concentrated form or diluted one part for four parts water - a good general purpose solution.
- If the surface to be treated is painted or coated with oil, grease, or drawing compounds, a preliminary cleaning with an appropriate paint stripper or metal cleaner is recommended.

For small articles, where a tank can be used, the diluted solution of Super Descaler is ideal. Heating the solution speeds up the process.

When rust is dissolved, remove and rinse with a very diluted solution of Super Descaler (about 0.5% to 1%). This will eliminate flash rusting of the cleaned articles.

Tanks may be constructed of stainless steel or earthenware, or have linings of fibreglass, rubber, neoprene, or other suitable coatings for phosphoric acid solutions.

On large structures, a concentration of one-part **Super Descaler** to four to six parts of cold water should be brushed or swabbed on and left to react overnight.

Next day, the dry rust deposit can easily be tapped or scrubbed off with a foundry brush.

When heavy scale is present, it may be necessary to repeat the treatment.

Finally, rinse down the surface with fresh water. You'll find a greyish film remains on the surface. This tends to prevent further rusting and will not affect paint when applied.

On a painted structure, where the paint is generally intact but there are patches which have rusted, scrub them with a foundry brush, treat them with **Super Descaler**, rinse off with water, and repaint when dry.

Storage:

Avoid temperature extremes.

Precautions:

Please refer to appropriate safety data sheet (SDS) prior to using this product.

For technical assistance, please call 1800-063-511
FOR INDUSTRIAL USE ONLY

Warranty:

Applied will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

Disclaimer:

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Polymers & Fluids and Applied

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Technical Data Sheet

**Order
Information:**

makes no representations or warranties of any kind concerning this data.

A2670-3X5
A2670-15

Applied Super Descaler 3 x 5 L
Applied Super Descaler 15 L

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