

# Metalas Cleaner S

## Spray degreaser

Product description:

Powdery, alkaline, silicate-containing product with corrosion inhibiting characteristics for degreasing iron, aluminium, zinc, magnesium and non-ferrous metals in spray applications.

**Metalas Cleaner S** is used in manufacturing for cleaning machined parts and in repair shops for cleaning engines, axles, and other removed parts in single-chamber or multi-chamber washing facilities.

**Metalas Cleaner S** contains special water softeners that prevent calcination in heater coils and nozzles.

**Metalas Cleaner S** solutions are foam free from 55 °C due to the incorporated foam inhibitors.

**Metalas Cleaner S** is free of surfactants that are difficult to remove in the wastewater of complexing agents as well as of amines, nitrite and chromate,

**Metalas Cleaner S** provides the cleaned parts with a temporary corrosion protection unless the parts are rinsed with water.

Application:

Concentration: 0.5 - 1.5%, max. 3%

Temperature : 55 - 90°C

For very sensitive surfaces, such as highly-polished aluminium, always perform a pre-test and treat them with low concentrations and short reaction times to prevent loss of gloss.

Specifications:

Bulk weight: approx. 850g/l LM - 25

pH value (1% solution): 11.5- 12.7 LM- 21

Major ingredients:

Carbonates, silicates, phosphates and surfactants

Concentration monitoring:

Mix 5 ml cleaner solution with 100ml distilled water and 2 to 3 drops phenolphthalein solution and titrate with 0.1N hydrochloric acid from red to colourless.

Used ml hydrochloric acid X 0.26= % Metalas Cleaner S

When using these products, all applicable safety regulations for the use of chemicals must be observed. For storage information, danger specifications, and safety regulations, please refer to the applicable safety data sheets. Application solutions and product remnants must be discarded in compliance with official regulations. The information given reflects our previous experience. With regard to varying operational conditions, this information is noncommittal and to be used as advice only. Therefore, we assume no liability whatsoever, including claims from third parties.

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