



GF ACID CLEAN 72
Metal Conditioner

General Description

Substantial savings of time and money are now being realized in many industries due to the use of **GF ACID CLEAN 72**. It is a clear, acidic liquid designed to clean metals, and also condition metals prior to painting.

GF ACID CLEAN 72 dissolves rust and scale, and at the same time removes dirt and oily soils.

Features:

- Flexibility
- High Solvency and Wetting Action
- Multi-Metal Safe

Benefits:

- Extremely good cleaning capacity on almost all metals
- No need for repeated applications
- Safe on copper, brass, aluminum

Directions for Use

PRETREATMENT FOR STEEL AND ALUMINUM PRIOR TO PAINTING: **GF ACID CLEAN 72** is highly effective as a paint bond. As it removes surface soils and oxidation and deposits a light phosphate coating. The coating gives aluminum and steel a superior base for good paint adhesion.

GF ACID CLEAN 72 can be applied by wipe-on or dip method. No heating is required. Product should be used at room temperature. **GF ACID CLEAN 72** is nonflammable. Before using this product, wear all personal protection equipment such as rubber gloves, chemical splash proof goggles or face shield, rubber or plastic apron and rubber boots. Where applicable, use appropriate respirators (refer to MSDS).

Wipe-On Phosphatizing and Cleaning Steel:

Use: 1 part GF-72. 4 to 6 parts water.

Cleaning and Deoxidizing Aluminum:

Use: 1 part GF-72. 3 to 5 parts water.

Rust Removal:

Use: 1 part GF-72. 4 parts water at room temperature or higher.

Brightening of Copper and Brass:

Use: 1 part GF-72. 4 parts of water.

Dip Operation:

Use: 1 part GF-72. 4-10 parts water.
 (Specific dilution depends on amount and type of soil to be removed.)

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TITRATION PROCEDURE:

- Take a 25 ml sample of your solution with the pipette and place it in the flask.
- Add 5 drops of phenolphthalein indicator.
- Carefully add 1.0N Sodium Hydroxide Solution to the mixture in the flask until the pink color appears. Record the number of mls of 1.0N Sodium Hydroxide Solution.

$$\text{Percent by Volume GF ACID CLEAN 72} = \text{mls} \times 1.000$$

Safety and Handling

Before handling and using **GF ACID CLEAN 72**, the Material Safety Data Sheet should be read and understood by all personnel in contact with this product.

Storage

General indoor storage at temperatures above freezing are recommended for the storage of **GF ACID CLEAN 72**. Keep containers tightly closed when not in use.

Disposal

Any disposal of this product should be in compliance with all federal, state and local regulations.

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