

**Features & Uses**

Cleaning and conditioner for aluminum. ALUMIPREP 33 is a non-flammable phosphoric acid based cleaner, brightener, and pre-paint conditioner for aluminum. ALUMIPREP 33 should not be used on high copper bearing aluminum alloys or aluminum castings. Cleaning with ALUMIPREP 33 produces a chemically clean and corrosion free aluminum surface.

**Specification Data**

Type: Phosphoric Acid Based Cleaner

Packaging: Gallons and Quart Containers

Theoretical Coverage: Sq. Feet/Gallon:

The quantity of ALUMIPREP® 33 needed will vary with the mix ratio, application efficiency, part size, and the amount of corrosion to be removed.

Under ideal conditions, a gallon of ALUMIPREP® 33 will treat 1,600 square feet (149m<sup>2</sup>) of surface.

VOC: 160 g/l or 1.3 lbs/gallon

**Product Components, Reducers, Additives, and Auxiliary Components**

ALUMIPREP 33..... 73001

**Application Equipment**

Acid resistant brushes, synthetic sponges, clean cloths. Mix ALUMIPREP 33 in acid resistant rubber, stainless steel or plastic buckets.

**Surface Preparation**

Surface should be free of heavy grease, grime, dirt or other foreign material allowing the ALUMIPREP 33 to treat the oxidized surface as efficiently as possible.

**Mixing and Reduction**

For light oxidation and corrosion removal, dilute one part ALUMIPREP 33 with five parts water.

For heavy oxidation and corrosion removal, dilute one part ALUMIPREP 33 with two parts water.

**Application Instructions**

**Note:** Operators should be equipped with rubber gloves, aprons and goggles to avoid contact with the solution. Adequate ventilation should be provided.

Selecting the size area to be treated at one time will depend on the method of application, condition of the metal surface, temperature and part configuration. A typical treatment time is where the ALUMIPREP 33 solution is in contact with the metal surface between two and five minutes.

ALUMIPREP 33 cleaning and conditioning chemicals aggressively attack aluminum oxidation and corrosion to completely remove them, leaving a bright, clean metal surface. In the case of heavy corrosion, its removal can be aided by the use of scrubbing. Often a Scotchbrite® pad is used for scrubbing.

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The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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