

## TECHNICAL DATA SHEET

### ACIPIVATOR 570

Acipivator 570 is a crystalline, acidic, granular, solid, fluoride containing compound useful in etching and acid treatment of metals where hydrofluoric acid is employed

#### REMOVAL OF COLLOIDAL FILMS IN CLEANING CYLES:

Cleaners containing silicates leaves residues on work which causes problems of rough deposits and coating of anodes when dragged into plating baths.

Acipivator 570 is recommended for use in hydrochloric or sulphuric acid for faster pickling and removal of siliceous films.

Acipivator 570 can also be used for pickling of **Titanium, Aluminium, Magnesium Alloys and Nickel and Chrome Alloys.**

Workable compositions are as follows.

	<b>TITANIUM</b>	<b>NICKEL AND CHROMIUM ALLOYS</b>	<b>MAGNESIUM</b>	<b>ALUMINIUM</b>
Nitric acid	10% by volume	-----	3 – 10% by volume	-----
Nitric Acid	-----	10 – 30% by volume	-----	70 % by volume
Acipivator 570	30 – 40 gm/l	60 – 120gm/l	100 – 150gm/l	60 -110 gm/l
Water	90% by volume	-----	-----	25% by volume
Temperature	30 – 60°C	-----	30°C	30°C

Acipivator 570 solutions can also be used for etching glass in concentration 40 – 110 gm/l along with 10% sulphuric acid for faster action.

**CAUTION:**

Acipivator 570 is acidic, granular mixture containing soluble fluorides. Use of gloves and clean scoops for handling the compound is recommended.

**CONTROL:**

The concentration of Acipivator 570 can be determined by simple titration with standard alkali N/10 NaOH using phenolphthalein indicator.

**DISCLAIMER:**

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