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A2LA Accredited ISO/IEC 17025:2005 Certificate # 2558.01

ACID SALT 216

Accu-Labs Acid Salt 216 is a powdered acid compound used for acid treatment of metals and for the etching of aluminum alloys, where hydrofluoric acid is used. Because Accu-Labs Acid Salt 216 is a powdered material, it is safer to use than hydrofluoric acid.

Operating Guidelines: Accu-Labs Acid Salt 216 may be operated at room temperature. For bright etching of aluminum, we recommend a solution consisting of 75% Nitric Acid, 25% water and ½ to one pound per gallon of Accu-Labs Acid Salt 216 Dip, which is made up as follows:

Nitric Acid 42° Be´:	60%
Sulfuric Acid 66° Be´:	20%
Water:	20%
Acid Salt 216 :	0.5-1.0 lb. /gal
Temperature:	Ambient
Dwell Time:	Variable but 5-10 seconds is typical

Equipment: Rubber or plastic lined steel tanks are recommended when Accu-Labs Acid Salt 216 is used alone or with sulfuric or muriatic acid. Polyethylene tanks are recommended for mixtures of Accu-Labs Acid Salt 216 and nitric acid. We recommend using carbon cooling coils for mixtures of Accu-Labs Acid Salt 216 and muriatic and/or nitric acid.

Caution: Accu-Labs Acid Salt 216 contains soluble fluorides so proper protective rubber clothing and safety glasses should be worn when working with the salts and solution. In case of contact with the skin, flush for 5-20 minutes and apply sodium bicarbonate solution. In case of contact with the eyes, flush with cold water and obtain medical attention. Avoid breathing dust and do not take internally. Use proper ventilation when working this product.

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