

Desmutter PW

Desmutter PW is an iron free, nitric acid, fluoride containing liquid used for etching titanium alloys. It may also be used to deoxidize and remove smut from aluminum alloys.

Features & Benefits

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|-------------------|---|
| High activity | Small storage footprint |
| Versatile | Used on titanium and aluminum; simpler inventory management |
| Contains fluoride | Fast acting; higher productivity |

Operating Conditions

| | |
|-----------------|---|
| Concentration | Use as received |
| Temperature | Ambient |
| Immersion Time | As required to achieve desired etch |
| Agitation | Suggested for some applications-movement of work and/or solution will decrease etch time |
| Ventilation | Required to eliminate fumes from etch operation |
| Equipment | Tanks should be constructed of Polypropylene or Polyethylene. Polypropylene should be used when solution is used at 120°F |
| Cooling/Heating | Teflon exchangers |

Note: to increase etch rate raise operating temperature to 100°F to 120°F.

Etch rate

Continuous use of the Desmutter PW will result in a metallic buildup in the solution and in time causing the etch rate to slow down. An option open to restore the etch rate for a period is to raise the operating temperature from ambient to 100°F to 110°F.

Control

Discard solution when etch rate diminishes to an unacceptable rate*.

*May be replenishable in certain applications.

Waste Disposal

Consult Safety Data Sheet for complete details on spillage and waste treatment.

Caution

Desmutter PW is an acidic product containing oxidizing acid and fluoride acids and should be handled accordingly. Avoid skin, eye and oral contact. Wear protective clothing, gloves and goggles, when handling the product.

WARRANTY: THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

Our people. Your problem solvers.

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