

DeSmut NS3

Technical Data Sheet

Desmut Solution

Etchant solution for stainless steels, Aluminum and Aluminum alloys. Excellent desmut for Aluminum and Aluminum alloys after etching. Passivation solution for stainless steels, Aluminum, Aluminum alloys, Titanium and Titanium alloys.

Description:

NuGeneration Technologies' **DeSmut NS3** is a highly acidic etchant solution for stainless steels, aluminum and aluminum alloys, and an excellent desmut solution for Aluminum and Aluminum alloys after etching. **DeSmut NS3** can be used at ambient temperatures for the most demanding desmut jobs on Aluminum and Aluminum alloys. **DeSmut NS3** is highly effective for Aluminum propeller desmutting after etching.



Characteristics:

DeSmut NS3 was formulated to provide a safer alternative to concentrated, fuming Nitric Acid traditionally used in desmutting. **DeSmut NS3** is a non-fuming formula that works twice as fast as fuming Nitric Acid along. **DeSmut NS3** makes etching and desmutting processes both safer and faster.

Directions for Use:

DeSmut NS3 is effective at ambient temperatures. The parameters can vary due to the type and extent of smuts to be removed. Temperatures may be increased slightly for shorter time cycles. Safe for use on Stainless Steels, Titanium, Titanium Alloys, Aluminum and Aluminum Alloys.

Product Benefits

- Stainless steel, Aluminum and Aluminum alloy etchant and desmut
- Passivation solution for stainless steel, Aluminum, Aluminum alloys, Titanium and Titanium alloys
- Non-fuming and faster working than 70% Nitric Acid

Physical Properties



Physical Properties

Use concentration (spray)	100% by volume
Bulk Density	10.6 lbs/gal
Operating Temps	Ambient
pH, Concentrate	< 1.0
pH, @5%	< 1.0
VOC (Concentrate)	0 g/L
Flash Point	None
Chelates	No
Soluble in water	Complete
Fuming	No
Corrosive	Yes

Availability: 5-gallon and 55-gallon containers, 275-gallon totes and bulk tankers.

Shipment: UN3264 Corrosive liquid, acidic, inorganic, n.o.s (Nitric Acid, Sulfuric Acid), 8, PG II, ERG #154

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40 ° F - 120 °F.

Disposal: Dispose of in accordance with local, state, and federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: info@nugentec.com.

Regulatory: This product is classified and labeled according to the Globally Harmonized System (GHS).

EMERGENCY OVERVIEW:

This product may cause burns to the skin and eyes. Harmful if swallowed.

SAFETY:

Please make sure you have read and understand the product label and SDS before using this product. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling. Observe label precautions.

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