

NuBrite 310 – Liquid Acidic Material for Deoxidizing, Conditioning Metals and Passivating Stainless Steel

Description:

NuBrite 310 is an acidic material for removing oxides, smut, mil scale, heat scale, and discoloration from stainless steel, aluminum, brass, copper, zinc, magnesium, titanium, zirconium and inconel. Applied by immersion tanks. Also a great product for passivating Stainless steel.

Applications:

Aluminum: Use at 20-50%, from ambient to 100°F, for 5 to 30 seconds*. Rinse thoroughly after processing.

Stainless steels: Use at 20-100%, from ambient to 100°F, for 5 to 30 seconds*. Rinse thoroughly after use.

*Time, temperature and concentration should be determined based on type of material to be removed. Contact NuGenTec for assistance.

Typical Usage Parameters:

	NuBrite 310
Concentration Range	20-100% (5:1 to full)
Operating Temperatures	Ambient to 100°F
Immersion	•
Aluminum	•
Brass/ Copper	•
Stainless Steel, Inconel	•
Mg, Zn, Ti, Zr	•
Color	Colorless

Physical Properties:

	NuBrite 310
pH, Concentrate	<1.0
pH, @ 10% b.v.	1.0
Bulk Density, #/gal	11.6
VOC (@ max. use Conc.)	None
Solubility In Water	Complete
Flash Point	None
Contains Hydrofluoric Acid	Yes
Contains Nitric Acid	Yes

Handling: Corrosive material handle with extreme caution. Use with adequate ventilation.

Availability: Available in 5, 55 and 300-gallon containers. Bulk tank shipments also available.

Shipment: Freight classification: "Corrosive Liquid, NOS, 8, PGIII (hydrofluoric acid Nitric acid mixture) UN1760."

Storage: Keep from freezing. Store between 40-120°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.