



NuEtch E 12 – Liquid Alkaline Heavy-Duty Aluminum Etchant.

Description:

NuEtch E 12 a heavy-duty aluminum etchant. Heavily gluconated to increase tank life by up to 10 times, over that of standard etchants. Formulated for immersion application in both conversion coating and anodizing processes.

Applications:

Aluminum: Use at 5-10%, from ambient to 180 °F, for 5 to 300 seconds*. Rinse thoroughly after processing. NuEtch E 12 is suitable as the first stage of most processes. In cases where heavy surface contamination is normal, a separate alkaline cleaner stage may be necessary. You NuGeneration Technologies Technical sales representative can help you in determining if a pre-cleaner is necessary.

Typical usage parameters:

	NuEtch E 12
Concentration Range	5-10% (20:1 to 10:1)
Operating temperatures	Ambient to 180 °F
Immersion/Ultrasonic	●
Aluminum	●
Color	Amber
Form	Liquid



Physical Properties:

	NuEtch E 12
pH, concentrate	>14
pH, @ 10% b.v.	13.5
Bulk Density, #/gal	12.7
VOC (@ max. use Conc.)	None
Solubility in water	Complete
Flash point	None



Handling: Corrosive material handle with 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 (Sodium hydroxide mixture) UN1760."

Storage: Keep from freezing. Store between 50-120 °F. Product may freeze at temperatures < 50 °F. If freezing occurs, thaw and mix until uniform.

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

