

NuBrite

Technical Data Sheet

Industrial Strength Aluminum Brightener

Industrial strength Aluminum and Aluminum alloy deoxidizer and brightener that cleans and shines in one easy step.

Description:

NuGeneration Technologies' NuBrite is an acidic liquid deoxidizer, cleaner, degreaser and brightener for use in soak tank, ultrasonic and spray applications. **NuBrite** is unsurpassed in industrial Aluminum brightening and cleaning applications, all in one easy step. No other acid cleaner shines and cleans Aluminum like **NuBrite** does, removing oxidation and returning Aluminum to its original luster. **NuBrite** contains Hydrofluoric Acid (HF), and should be used by professionals only.



Characteristics:

NuBrite was formulated to quickly and effectively deoxidize, clean, degrease and brighten Aluminum and Aluminum alloys and return them to their original luster. **NuBrite** should not be used on aircraft surfaces, Copper or Copper alloys. **NuBrite** may be used to passivate and brighten stainless steel.

Directions for Use:

NuBrite is effective at ambient temperatures. However, it is normally used at 5% by volume of water up to 100 °F in spray, immersion and ultrasonic applications. The dwell time and temperature parameters can vary due to the type and extent of soils and oxides to be removed, or degree of brightness to be achieved.

Product Benefits

- Aluminum and Aluminum alloy cleaner, deoxidizer and brightener
- Effective on stainless steel
- Low concentration of HF make solution safer for use
- Excellent degreasing properties for car/truck cleaning applications



Physical Properties

Use concentration (spray)	5% by volume
Use concentration (immersion)	5% by volume
Bulk Density	9.3 lbs/gal
Operating Temps	Ambient to 100°F
pH, Concentrate	1.0
pH, @5%	2.0
VOC (Concentrate)	167 g/L
Flash Point	None
Chelates	Yes
Soluble in water	Complete
Contains Hydrofluoric acid?	Yes
Corrosive	Yes

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

Shipment: UN3264 Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid, Hydrofluoric 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).

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EMERGENCY OVERVIEW:

This product may cause severe burns to the skin and eyes. Toxic in contact with skin.

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.