

NuBrite 31

Technical Data Sheet

Industrial Strength Metal Brightener

Industrial strength solution used for removal of mineral deposits, heat scale, oxides, and alkaline salt buildup from Aluminum, Aluminum alloys, and Stainless Steel.

Description:

NuGeneration Technologies' NuBrite 31 is an acidic liquid solution used to remove mineral deposits, heat scale, oxides, and alkaline salt metal buildup from Aluminum, Aluminum alloys, and Stainless Steel. NuBrite 31 removes oxidation and brings back original metal luster, while promoting efficient operation and reducing power consumption. NuBrite 31 does not contain dangerous Hydrofluoric acid (HF), Hydrochloric acid (HCl), or other forms of Fluorides or Chlorides.



Characteristics:

NuBrite 31 was formulated to quickly and effectively deoxidize, clean, degrease and brighten Aluminum, Aluminum alloys and Stainless Steel and return them to their original luster. NuBrite 31 should not be used on aircraft surfaces, but is safe on Copper or Copper alloys. NuBrite 31 may also be used to passivate Stainless Steel.

Directions for Use:

NuBrite 31 is effective at ambient temperatures. However, it is normally used at 5-50% by volume of water up to 180 °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, Aluminum alloy and SS cleaner, deoxidizer and brightener
- Contains no HF, HCl, or other forms of Fluorides or Chlorides.
- Safe for use on Copper and Copper alloys.
- Excellent degreasing properties for car/truck cleaning applications

Physical Properties



Physical Properties

Use concentration (spray)	5-50% by volume
Use concentration (immersion)	5-50% by volume
Bulk Density	11.4 lbs/gal
Operating Temps	Ambient to 180°F
pH, Concentrate	1.0
pH, @5%	1.0 - 1.5
VOC (Concentrate)	0 g/L
Flash Point	None
Chelates	No
Soluble in water	Complete
Contains Hydrofluoric or Hydrochloric acid?	No
Corrosive	Yes

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

Shipment: UN1805 Phosphoric acid solution, 8, PG III, 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.

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.