

NuBrite DeScale 1014

Technical Data Sheet

Heat Exchanger Coil Cleanout Solution

Industrial strength scale remover for heat exchangers, HVAC, heating, refrigeration and air conditioning coils and fins.

Description:

NuGeneration Technologies' NuBrite DeScale 1014 is a highly concentrated industrial/professional strength acidic liquid deoxidizer, cleaner and degreaser that removes rust and buildup in one easy step. NuBrite DeScale 1014 removes oxidation and returns metal back to its original luster. NuBrite DeScale 1014 promoted efficient operation and reduced power consumption, and does not contain dangerous Hydrofluoric Acid or other forms of Fluorides. NuBrite DeScale 1014 does contain Chlorides.



Characteristics:

NuBrite DeScale 1014 was formulated to quickly and effectively deoxidize, descale, clean, degrease and brighten Aluminum and Aluminum alloys, Copper, Brass, glass, and Stainless Steels and return them to their original luster by dissolving all types of water scale, Lime and rust. NuBrite DeScale 1014 may be used to passivate and brighten stainless steel.

Directions for Use:

NuBrite DeScale 1014 is effective at ambient temperatures. However, it is normally used at 5-10% by volume of water up to 150 °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.

Product Benefits

- Dissolves all types of water scale, Lime and rust.
- Effective on Stainless Steel, Aluminum, Copper and their alloys.
- Effective at ambient temperatures.
- May be used as a passivation solution for Stainless Steels.

Physical Properties



Physical Properties

Use concentration	5-10% by volume
Bulk Density	10.4 lbs/gal
Operating Temps	Ambient to 150°F
pH, Concentrate	1.0
pH, @5%	2.0
VOC (Concentrate)	0 g/L
Flash Point	None
Chelates	No
Soluble in water	Complete
Contains Hydrofluoric acid?	No
Corrosive	Yes

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

Shipment: UN1789 Hydrochloric Acid, 8, PG II, ERG #157

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. Harmful in contact with skin or swallowed. May cause an allergic skin reaction. May cause respiratory irritation.

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.