



## **CitriSurf<sup>®</sup> 2210 Product Information**

### **Technical Data Sheet:**

#### **Description:**

*CitriSurf<sup>®</sup> 2210* is a high quality blend of chemicals formulated for cleaning and passivation of stainless steel and other metals. *CitriSurf<sup>®</sup> 2210* is particularly useful because it is very fast at room temperature, yet is less hazardous than many other products being used for this process. It is provided in a high viscosity form for easy application on vertical surfaces, weld seams, and other areas that cannot be conveniently dipped in a bath.

#### **Physical Properties:**

Specific Gravity	1.1
Approx. wt. /gallon	8.4 lb.
Viscosity	Thixotropic Paste
Form	High Viscosity Liquid
Chemical Composition	Citric acid blend + inert and proprietary ingredients
Operating Temperature	70 - 170 deg. F.
Flash Point	None
Water solubility	99%
Normal working concentration	Use as received
pH at working concentration	~4.0

#### **Packaging:**

1 gallon, 5 gallon or 55 gallon plastic containers.

#### **Application Procedure:**

To assure best results, the parts to be treated should be thoroughly cleaned to remove dirt, oils, and grease with an appropriate cleaning solution prior to treatment with *CitriSurf<sup>®</sup> 2210*, although it is a very good cleaner by itself if used properly. All equipment, mixers, applicators or pumps should be clean and dry prior to use. Only containers constructed of polypropylene, polyethylene, or other acid resistant plastic or stainless steel should be used to hold or store this product.

**See cautions below and the current MSDS before proceeding!!**

#### **Vishes Globl**

Reg. Office: 3 Gurukrupa, 1<sup>st</sup> Floor, Vithalbai Road,  
Vileparle West, Mumbai 400056, INDIA  
[www.passivationchemicals.com](http://www.passivationchemicals.com)  
info@passivationchemicals.com

Phone: 91 22 2852 3395  
Telefax: 91 22 2852 8925  
Sales: 91 98201 27614  
91 22 2852 6856



**Test your product before going into production with CitriSurf<sup>®</sup> 2210!!** Depending on the product being cleaned and passivated, polished, or brightened, dilution of the CitriSurf<sup>®</sup> 2210 with water may be advantageous or necessary to slow down the reaction rate or lower the viscosity. Time, temperature and concentration of the product should be tested prior to use in production. For more aggressive cleaning longer times, higher temperature and concentration are advantageous. Please contact the manufacturer for assistance if necessary to determine the best formula and conditions for your product. Each application is different!

Prior to use, mix thoroughly by shaking or stirring. CitriSurf<sup>®</sup> 2210 should be applied liberally to the surface to be treated with a sprayer, brush or roller. Wait approximately 10 to 30 minutes, depending on the application, and then rinse the product from the surface completely. Repeat process if needed to obtain desired results. Dispose of waste according to local, state and federal regulations.

Note: CitriSurf<sup>®</sup> 2210 must remain moist during the treatment period. When using CitriSurf<sup>®</sup> 2210 in direct sunlight or other hot environments, it may be necessary to periodically sprinkle the surface lightly with water to keep the CitriSurf<sup>®</sup> from drying.

Rinse thoroughly with clean water and dry completely in air immediately or proceed with post-treatment to obtain the desired results. Drying can be accelerated by use of a hot air oven or other drying medium such as an air blower (hair dryer) to attain a clean, dry surface prior to post treatment or packaging.

#### **Notes on Use:**

Although very safe in normal use, CitriSurf<sup>®</sup> 2210 is a citric acid based material, and as such it may cause irritation to exposed surfaces of the body.

***See Material Safety Data Sheet before using this material.***

Do not leave concrete exposed to CitriSurf<sup>®</sup> for any period of time.

#### **Disposal:**

Dispose of according to all federal, state and local regulations.

#### **Storage:**

CitriSurf<sup>®</sup> 2210 should be stored at temperatures between 50°F and 120°F in polypropylene, polyethylene or other approved acid resistant plastic containers.

#### **Technical Services:**

For technical assistance, please contact Vishes Globl on +91-22-28592847

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**Specifications:**

*CitriSurf*<sup>®</sup> 2210 meets all of the requirements of ASTM A-967 and AMS 2700 specifications.

**Testing of your products with *CitriSurf*<sup>®</sup> before using in production is recommended. Every product and production facility is different, and requires testing to ensure that *CitriSurf*<sup>®</sup> is compatible with the particular situation. No warranty is implied, or may be given in writing or verbally without the written permission of Stellar Solutions, Inc.**

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