



## Product Bulletin

Better Chemistry. **Better Business.**

**Stainless Steel Brite Dip NI**

**Product Code: 2380013**  
**Revised Date: 09/28/2010**

### Stainless Steel Brite Dip NI

**Stainless Steel Brite Dip NI** is a liquid acidic product, free of fluorides and chromates which will brighten and passivate 300 series stainless steel, monel and kovar. While the **Stainless Steel Brite Dip NI** will not brighten the 200 and 400 series stainless steels, it will provide a passivated surface for improved corrosion resistance.

### OPERATING PARAMETERS

Note: The above metals must be alkaline cleaned and descaled/activated, prior to immersion in the **Stainless Steel Brite Dip NI** solution.

Concentration: 100% (vol)  
Temperature: 170-175 f. (77-80 c.)  
Immersion time: 3 to 10 minutes  
\* agitation: work agitation is suggested  
Ventilation: required

Equipment: Tanks: should be constructed of polypropylene, polyethylene, teflon, polyester boned fiberglass.  
Heaters: quartz, or heaters coated with teflon. **Do not use titanium heaters.**  
Barrels: polypropylene barrels with coated clamps.

- \* Work agitation will provide that fresh Stainless Steel Brite Dip NI will be continually in contact with the metal's surface but moreover avoid gas pockets which prevent the Stainless Steel Brite Dip NI from coming into contact with the metal.

### CAUTION

**Stainless Steel Brite Dip NI** is an acidic product containing oxidizing acids and should be handled accordingly. Avoid skin, eye and oral contact. Wear protective clothing, gloves and goggles when handling the product. Flush exposed areas immediately with clean, cold water. Contact a doctor immediately in case of injury.



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### WASTE DISPOSAL

**Stainless Steel Brite Dip NI** should be neutralized with either caustic soda or soda ash to a pH between 6 to 8. Since **Stainless Steel Brite Dip NI** is a strong acid the method which should be followed to achieve this is:

1. Dilute **Stainless Steel Brite Dip NI** solution with 2 parts water.
2. Slowly add the caustic or soda ash - stirring the solution slowly. Wear protective clothing, goggles and gloves when neutralizing the **Stainless Steel Brite Dip NI** solution.

Once the solution has been neutralized, pump the liquid portion to settling tank. In order to be completely informed on the latest regulations for your area, always contact the local authorities for disposal regulations.

### WARRANTY

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.