



## Product Bulletin

Better Chemistry. **Better Business.**

### Descaler SA

**Product Code: 2541002**  
**Revised Date: 05/31/2006**

### Descaler SA

**Descaler SA** is a mild, specialty dry acid salt developed to replace liquid hydrochloric acid especially for a tumbling operation for descaling and pickling ferrous metals.

**Descaler SA** does not contain fluorides, chromates, or chelating agents.

**Descaler SA** may be used in an open oblique, horizontal (vented barrel) or vibratory tumbling systems. It is also designed to remove scales, oxides, rust, or stains from ferrous metals. **H-h Descaler SA** is rapid acting and renders surfaces smoother and brighter.

### OPERATING CONDITIONS

Although **Descaler SA** has a surfactant system to aid in removal of light oils, it is advisable to clean all work in an alkaline cleaner prior to processing in the **Descaler SA** solution.

Process times and concentrations vary depending on extent of scale or oxide. Typical use concentrations are 2 to 8 oz./gal., process time 2 to 10 minutes. For most tumbling operations, the lower operating ranges are satisfactory.

After tumbling operations, parts should be water-rinsed and followed by a neutralizing rinse (1/4 to 1/2 oz./gal.) of an alkaline cleaner such as H-H cleaner V-2. Hubbard-Hall Inhibitors 50 or 55 may also be used in place of H-H V 2 to provide temporary rust protection. If parts are to be further processed immediately as in plating and burnishing operations, the neutralizing or rust preventative steps may be omitted.

### CAUTION

**Descaler SA** is an acidic product and should be handled accordingly. Avoid contact with skin and eyes. Wear protective clothing, goggles and rubber gloves. Flush exposed areas immediately with clean, cold water. In case of injury, contact a doctor immediately.

### WASTE DISPOSAL

Neutralize solutions of **Descaler SA** to a pH between 6 to 8 with either soda ash or caustic soda. In order to be completely informed on the latest regulations for your area, please contact the local authorities.



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### 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.