

# 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. Descaler SA is rapid acting and renders surfaces smoother and brighter.

## Features & Benefits

Dry acid	No fumes; safer work environment
Low surface tension	Fast wetting, free rinsing higher productivity

## 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 (0.25 to 0.5 oz/Gal) protected from corrosion using a product such as our Metal Guard 800-D. If parts are to be further processed immediately as in plating and burnishing operations, the neutralizing or rust preventative steps may be omitted.

## Waste Disposal

Neutralize solutions of Descaler SA to a pH between 6.0 to 8.0 with either soda ash or caustic soda. In order to be completely informed on the latest regulations for your area, please contact the local and state environmental regulatory authorities.



## 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.

**WARRANTY:** HUBBARD-HALL INC. IS NOT RESPONSIBLE FOR THE MISUSE, MISAPPLICATION, OR MISHANDLING OF THIS PRODUCT. SEE THE TERMS AND CONDITIONS OF SALE ON OUR WEBSITE FOR ADDITIONAL TERMS AND CONDITIONS CONCERNING OUR PRODUCTS, INCLUDING BUT NOT LIMITED TO, LIMITATIONS AND DISCLAIMERS OF WARRANTIES AND LIABILITIES.

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## Our People. Your Problem Solvers.

For more information on this process,  
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Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**<sup>136</sup>.