

Stainless Steel Descaler

Stainless Steel Descaler is a liquid acidic cleaner which can be used in the removal of oxides and scales (weld, laser cut, heat treat) from 300 series stainless steel. Stainless Steel Descaler is an aggressive material which often removes oxides and scale not removed by other acids while producing minimal base metal attack.

It may also be used to de-smut, remove oxides and stains from, and condition aluminum prior to welding.

Operating Conditions

Stainless Steel

Concentration	50-100% by volume. Optimum: 70%
Temperature	ambient to 120 F
Time	as required - 30 seconds - 10 minutes
Ventilation	required to keep below TLV for components (see SDS)
Tanks	rubber lined, polyethylene, polypropylene, Koroseal lined, or PVC

Aluminum

Concentration	25-100% by volume
Temperature	70-80 F
Time	1 to 5 min
Ventilation	1 required to keep below TLV for components (see SDS)
Tanks	rubber lined, polyethylene, polypropylene, Koroseal lined, or PVC

Product Bulletin

Product Name: Stainless Steel Descaler

Product Code: 2541063

Revision Date: May 19, 2025

Chemical Control

Please contact Hubbard-Hall for recommendations on chemical control procedures when using at concentrations below 70% by volume.

Waste Disposal

Discharge to a permitted water treatment system. In order to be completely informed on the latest regulations for your area, please contact the local authorities.

Caution

Stainless Steel Descaler is a nitric acid containing solution. Do not allow contact with iron based alloys (steel) or copper based alloys (brass or bronze).

Read and understand the SDS/MSDS for this product prior working with or handling it.

Employ normal safety precautions for handling such a product, i.e. protective clothing, face mask, chemical goggles, rubber gloves, etc.

In case of solution contact with skin or eyes, flush with copious quantities of water. For eye contact always consult a physician.

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.

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

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**¹³⁶.