

#84-L Inhibited Acid, Lo Foam

Oxide, Rust, Laser, & Surface cleaner

#84-L low foam, rust, oxide, laser cleaner and descaling acid is used to remove heavy deposits of iron oxides, rust, stains from steel, plastic and other surfaces. Can be used in power washers and in soak tanks. Does not contain chlorides or hydrochloric acid. Provides effective oil, grease, lube removal when used as cleaner.

84-L lo-foam is an inhibited acid which prevents the over attack on base metal. Providing a greater level of safety to steel and other surfaces.

84-L can be used to remove laser burn scale from parts being coated in paint and finishing operations. Works fast in spray wash operations or in dip tanks. Compatible with phosphate conversion coating lines.

Features & Benefits

- Liquid concentrate for low use cost.
- Easily fed by automated pumps and meters.
- Provides needed corrosion protectors “base metal inhibitor.”
- Dilutes instantly into the water system providing fast results.
- Little or No odors or undesirable by-products.
- Rinses freely and neutralizes with simple carbonate or alkaline materials.

Physical Data

pH	1
Product Type	Liquid
Spec. Gravity	1.23
lbs./gal.	10.26
Foam, 0 = Low, 9 = High	0
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing

Typical Processing

5 stage pre-coating, laser rust cleaner:

- 1) 84-L @ 1.5 - 2.5%, 110 - 140 F., 60 -90 secs.
- 2) Rinse, 3) Preferred 2nd rinse.



- 3) Iron phosphate (or 2002, etc. 2-4%, 110-140 F., 60 -90)
- 4) Rinse.
- 5) Sealer rinse BS-1200 in D.I. water (or D.I. water)

Note: can also be used in a stage process to remove rust oxide or laser scale., 1) 3-5% 84-L, 110-140 F, 2) rinse, 3) sealer neutralizer, or zinc sealer, or rust inhibitor.

Packaging

Container Type	Plastic
Net Units	565
Tare Wt.	25 lb.
Gross Wt.	590
DOT_Name	UN 1805, Phosphoric Acid Solution, 8, PG III
DOT Hazard	Corrosive
Tariff ID	

Use Parameters

Concentration Range	½-5%
Temperature Range	Cool up to 150 F.
Time Range	As required.
Agitation	As necessary.

Waste Disposal

Adjust pH as needed. Remove fats, oils, and grease.

Holding Tank Materials of Construction

Acid resistant, stainless, or poly.

Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.



563 South Leonard Street, Waterbury, CT 06708 • HubbardHall.com • 800-648-3412

Product Bulletin

Product Name: #84-L Inhibited Acid – Lo Foam
Product Code: 2541083
Revision Date: May 20, 2025

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.

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.