

“High-quality cleaners are inexpensive. Poor cleaning is a costly mistake.”

Mike Valenti,  
Product Manager, Cleaners  
Hubbard-Hall

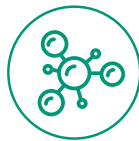


## Cleaning the Hard to Clean

# Surface Cleaning



**AQUEOUS  
CLEANERS**



**SOLVENT  
CLEANERS**



**SUSTAINABLE  
CLEANERS**

When it comes to manufacturing efficiency, poor cleaning can compromise every step down the line – from finishes that don’t last, to increased corrosion, elevated rejection rates and compromised equipment.

With over 170 years of experience, Hubbard-Hall offers a complete line of aqueous cleaners and recyclable solvents designed to meet industrial cleaning’s stringent needs. In addition to quality cleaning, these products save time, money and reduce overall waste.

## Hubbard-Hall offers a complete line of cleaners for industrial applications, including

- Anodizing
- Deep drawn metal
- Metal finishing
- Precision parts cleaning
- Chemical polishing
- Heat treatment
- Metal stripping
- Pre-treatment cleaning
- Deburring
- Impact extrusion
- Paint stripping



## Aqueous Cleaners

With over 70 aqueous cleaners – more than any other US-based industrial cleaner company- we can help you clean every type of metal surface or base material, for any application and cleaning process. Our new chemistries are specifically designed to reduce steps, rework, and the total cost of cleaning.

- Safer, earth-friendly products
- Designed for maintenance, hard surface and in-process cleaning
- High productivity, versatile and customizable
- Economical: Low in-tank costs and easily waste treated

## Solvent Cleaners

We've been tackling solvent issues head-on for nearly 30 years. Hubbard-Hall's offers a series of solvent cleaners. They are designed to work in closed-loop systems that make solvents an increasingly sustainable option. Now you don't have to give up efficacy and throughput for precision part applications.

- Safer alternatives to TCE and PCE
- EPA and SNAP approved
- Vapor degreasing, ultrasonic cleaning and rapid drying
- Excellent materials compatibility and superior stability

## Sustainable Cleaners

From closed-loop and membrane systems that reclaim 95% of chemicals to eco-friendly low-VOC and phosphate-free cleaners, Hubbard-Hall delivers new alternatives to reduce chemical use, stay ahead of regulations, and improve sustainability.

- Reduced cleaning costs by 35%+
- Reduced waste and BODs
- Reduced rejection rates due to oil-saturated cleaners

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## The Real Cost of Poor Cleaning

High rejection rates, increased reworking, and damage to manufacturing equipment are all easily overlooked costs of inadequate cleaning. Add an increased level of corrosion and premature wear of paint and finishes, and those costs mount.

Metal processing materials like lubricants and greases can be difficult to remove. When cleaned off well, contamination can cause downtime, product returns, and waste in your operations. These add to expenses, eats into profit margins, and can do reputational damage with customers. Hubbard-Hall can work with you to identify precisely the right formulations to improve cleaning and positively impact your bottom line.

## Our people. Your problem solvers.

Expertise you can trust. 32% of Hubbard-Hall associates are in tech support, customer service or sales. This means that you get answers fast while the rest of our team gets your order delivered on time and in spec.

[HubbardHall.com](http://HubbardHall.com)

Chemistry and Expertise for Manufacturing's Toughest Problems



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**Cleaning**  
the Hard to Clean



**Finishing**  
the Hard to Finish



**Treating**  
the Hard to Treat