



## Cleaning the Hard to Clean

# Deep Drawn Aluminum

### Reduce stages and increase productivity.

Switch to Hubbard-Hall's leading line of cleaners that are specifically formulated to clean deep drawn aluminum. Applications include soak, ultrasonic and spray. Our chemistry reduces processing steps and costs – sometimes by as much as 50%.



### Optimized to Remove:

- Forming lubricants
- Difficult stearates
- Machining oils
- Light oxidation
- Scale from metallic parts

## Why Hubbard-Hall

This line of cleaners exhibits the following properties:

- Highly concentrated
- High detergency
- Readily dissolves metallic soaps
- No mineral acids
- No chloride
- Non-fuming
- Low foaming



Industry leading deep drawn aluminum cleaners:  
Tough on oils. Safe on metal.

## **Aquaease 2289**

**Acid soak cleaner**

This is an acidic cleaner that is optimized for aluminum soak cleaning. Aquaease 2289 will deoxidize most aluminum alloys.

## **Aquaease PLA 915**

**Acid spray cleaner**

This low foam acidic cleaner is a highly recommended product as it is used to remove a variety of difficult soils and oxides.

## **Aquaease Infinity 1010**

**Alkaline spray and soak cleaner**

This is a highly concentrated low foam, inhibited spray or soak cleaner. It is excellent for removing stearate lube, with the ability to control etching.

## **Emerald Acid Clean #1**

**Acidic soak, ultrasonic and spray cleaner**

This acidic soak, ultrasonic, spray cleaner is used to remove many soils and oxides from aluminum, stainless steel, steel, cast iron, copper and brass. It contains acceptable surfactants and substrates designed to remove forming lubricants, machining oil and light rust from the metals noted above.

## **Lusterclean 1 LF**

**Alkaline spray cleaner**

This is a moderately alkaline liquid cleaner formulated for use in a pressure spray washer application or in an "AGI-DIP" type machine. It combines high detergency with low alkalinity and low foaming properties.



## **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