

Lusterclean 35 AF

Lusterclean 35 AF is a mildly alkaline liquid product which was developed for use in pressure spray wash machines to clean ferrous metals, zinc die castings, galvanized sheet stock, copper brass alloys, and aluminum alloys.

Lusterclean 35 AF is a moderate-foaming liquid cleaner for application in any of the following types of power spray machines: monorail conveyor, continuous belt, spiral washers or cabinet.

Lusterclean 35 AF was specifically developed to replace a vapor degreasing operation with a power spray washer system to facilitate a high rate of workflow.

Lusterclean 35 AF will remove a variety of forming and machining lubricants (synthetic, petroleum base, sulfurized, etc.), And provide defoaming action on lubricants which tend to cause foaming as they build up in the cleaner solution.

Features & Benefits

Caustic, Nitrite, Phosphate and Silicate free	Biodegradable surfactant system
Liquid form makes it easy to add. No dangerous spatters or dissolution problem.	Mixes readily with cold water.

Operating Conditions

Concentration	2% – 5% 3% for most applications
Temperature	150°F – 190°F
Equipment	Mild steel tanks and heating coils

Titration Method

1. Pour a 200 mL sample of Lusterclean 35 AF into a 500 mL Erlenmeyer flask. Use 100 mL graduate to dispense solution.
2. Add 10 drops Bromocresol Green indicator. Swirl flask to insure complete mixture.
3. Titrate with 0.5 N Hydrochloric Acid until the solution turns from blue, through green to a whitish-yellow endpoint.
4. Record mL used.

Calculation

$$\text{Concentration} = \text{mL } 0.5 \text{ N HCl} \times 0.43$$

Test Kit Method

1. Using a 25 mL graduate, dispense 25 mL of Lusterclean 35 AF into test kit bottle.
2. Add 5 to 10 drops of Methyl Orange indicator.
3. Add 0.72 N Hydrochloric Acid dropwise until solution turns from yellow to orange.
4. Record the number of drops used.

Calculation

$$\text{Concentration} = \# \text{ Drops } 0.72 \text{ N HCl} \times 0.18$$

Waste Disposal

Discharge rinse waters and spent solutions to a permitted disposal system. In order to be completely informed on the latest regulations for your area, please contact the local authorities.

Caution

Even though Lusterclean 35 AF is a mildly alkaline product and should be handled accordingly. Avoid skin and eye contact. Wear protective clothing, goggles and gloves. Flush exposed areas immediately with clean cold water. Contact a doctor promptly in case of injury.



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please call us at 203.756.5521 or email: techservice@hubbardhall.com

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