Almet B

Almet B is a silicate powdered, moderately alkaline, heavy duty, and non-etching soak cleaner for aluminum alloys and other non-ferrous metals.

Features & Benefits

High detergency	Tends to split most oils
Safe on all metals	Non-etch

Typical Applications

- Cleaning prior to plating
- Cleaning prior to alkaline etching
- In process cleaning
- Cleaning prior to phosphate
- Cleaning prior to painting
- Part on part barrel cleaning

Operating Conditions

Concentration	4 – 12 oz/Gal (30 – 90 g/L)
Temperatures	140°F – 180°F (60°C – 82°C)
Immersion time	1 – 8 min
Equipment	Mild steel tanks and heating coils

Titration Method

1. Pipette 10 mL sample of cleaner solution into a 250 mL Erlenmeyer flask and dilute to 100 mL with water.
2. Add 5 drops of Methyl Orange indicator.
3. Titrate with 0.5 N Hydrochloric Acid until the solution turns red.
4. Record mL used.

Calculation

Factor (oz/Gal) 0.84
Factor (g/L) 6.30

Concentration = mL 0.5 N HCL x Factor

Test Kit Method

1. Fill sample bottle ¼ full of water.
2. Add ½ mL sample of Almet B solution.
3. Add 5 -10 drops Methyl Orange indicator.
4. Add dropwise 0.72 N Hydrochloric Acid Test Kit Solution until solution turns from yellow to red-orange.
5. Record number of drops used.

Calculation

Factor (oz/Gal) 0.84
Factor (g/L) 6.30
Concentration = # Drops of 0.72 HCl x Factor

Waste Disposal

Discharge rinse waters and spent working 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

Almet B is an 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. Consult SDS prior to use.

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].