Product Bulletin
Product Name: Aquaease PL 733
Product Code: 2053013
Revision Date: January 8, 2024

Aquaease® PL 733

Aquaease PL 733 is a mildly alkaline, low-foaming liquid cleaner for application in any of the following types of power spray machines: monorail conveyor, continuous belt, spiral washers or cabinet.

Aquaease PL 733 may be used to clean ferrous metals, copper, brass alloys, bronzes, aluminum alloys, stainless steel and nickel clad stock. The Aquaease PL 733 will clean a variety of metal processing lubricants-synthetic lubricants, sulfurized and chlorinated oils, lard oil based, etc.

Aquaease PL 733 finds wide application in washing highly finished surfaces such as bearing parts and other highly finished steel surfaces such as strip stainless steel. Aquaease PL 733 has very high free-rinsing properties and non-residue forming properties, which are very desirable in these applications. These features are important if parts after washing are to enter heat-treating furnaces. Ordinary power washers leave undesirable alkaline residues, which foul the furnace in time.

Aquaease PL 733 is also ideal as the first alkaline cleaner in phosphating lines. The cleaned surfaces are well suited to produce the smoothest and finest phosphate coatings.

This product contains phosphate builders, please consult with your EHS staff regarding waste disposal requirements.

Features & Benefits

Bio-degradable surfactant system	Contains no cyanides, chromates, chlorinated, hydrocarbon solvents, nitrates or nitrites
Liquid form makes it easy to add. No dangerous splatters or dissolution problem	Mixes readily with cold water

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Operating Conditions

Concentration	2% – 10% Optimum 5% for most applications
Temperature	120°F – 180°F (49°C – 82°C)
Equipment	Mild steel tanks and heating coils

Aquaease PL 733 may be operated at a wide temperature range, 120°F to 180°F. Low temperatures may be used for light soils, while higher temperatures must be used for heavy oils.

Titration Method

1. Pipette a 50 mL sample into a 250 mL Erlenmeyer flask and dilute with 100 mL water.
2. Add 7 to 10 drops Methyl Orange indicator and mix.
3. Titrate with 0.5 N HCI until a color change of yellow to orange pink occurs.
4. Record mL used.

Calculation

Concentration = mL 0.5 N HCI x 0.77

Test Kit Method

1. Fill test bottle ¼ with water.
2. Using syringe, add 5 mL Aquaease PL 733 solution to the mixing bottle
3. Add 5 to10 drops Methyl Orange indicator.
4. Add 0.72 N Hydrochloric Acid until solution turns from yellow to red-orange.
5. Record the number drops used.

Calculation

Concentration = # Drops 0.72 N HCI x 0.385

Waste Disposal

Discharge to a disposal system. In order to bed completely informed on the latest regulations for your area, please contact the local authorities.

Caution

Aquaease PL 733 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.

Product Bulletin

Product Name: Acid Salt W
Product Code: 2541009
Revision Date: January 3, 2024

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].