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> Ecolab 17301 Solitaire Solid Commercial-Strength Detergent Instruction Manual

Ecolab 6117301

Ecolab Solitaire Solid Commercial-Strength Detergent Instruction Manual

Model: 6117301

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of the Ecolab 17301 Solitaire Solid, a commercial-strength detergent designed for manual pot and pan washing. Please read this manual thoroughly before using the product to ensure proper application and to prevent injury or damage.

2. SAFETY INFORMATION

Always prioritize safety when handling cleaning chemicals. Failure to follow these safety guidelines may result in personal injury or property damage.

- **Wear Personal Protective Equipment (PPE):** Always wear appropriate chemical-resistant gloves and eye protection (safety glasses or goggles) when handling the solid detergent or its solution.
- **Ventilation:** Use in a well-ventilated area to avoid inhalation of fumes.
- **Skin and Eye Contact:** Avoid direct contact with skin and eyes. In case of contact, flush immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Drink plenty of water and seek immediate medical attention.
- **Storage:** Store in a cool, dry place, away from direct sunlight and incompatible materials. Keep container tightly closed when not in use. Keep out of reach of children and unauthorized personnel.
- **Mixing:** Do not mix with other chemicals unless specifically instructed by Ecolab. Mixing with incompatible substances can produce hazardous reactions.
- **Disposal:** Dispose of unused product and empty containers according to local, state, and federal regulations.

Refer to the product's Safety Data Sheet (SDS) for comprehensive safety information.

3. PRODUCT DESCRIPTION

The Ecolab Solitaire Solid is a highly concentrated, low-alkaline detergent formulated for manual washing of pots, pans, and other kitchenware. Its solid form ensures controlled dispensing and reduces waste. It effectively loosens tough baked-on food soils and cuts through grease, while being gentler on hands compared to higher alkaline alternatives.



Image 1: Ecolab Solitaire Solid detergent block. This image shows the compact, solid form of the detergent, typically used in a dispensing system.

This product is part of the Geosystem 9000 Apex Solid Power line, indicating its compatibility with specific Ecolab dispensing systems designed for solid detergents.

4. SETUP AND INSTALLATION (FOR DISPENSING SYSTEMS)

The Ecolab Solitaire Solid is designed for use with an appropriate Ecolab dispensing system, such as the Geosystem 9000 Apex Solid Power dispenser. Follow the instructions provided with your specific dispensing unit for proper installation.

1. **Prepare the Dispenser:** Ensure the dispensing unit is clean and free from any previous chemical residues.
2. **Load the Solid Detergent:** Open the dispenser's loading compartment. Carefully place the Ecolab Solitaire Solid block into the designated slot. Ensure it is seated correctly to allow for proper water flow and dissolution.
3. **Close and Secure:** Close the dispenser compartment securely.
4. **Connect Water Supply:** Verify that the water supply to the dispenser is connected and turned on.
5. **Initial Rinse (if applicable):** Some systems may require an initial rinse cycle to prime the unit. Refer to your dispenser's manual.

Note: If using without a dedicated dispenser (e.g., for direct dissolution in a sink), ensure proper dilution ratios are maintained and wear full PPE.

5. OPERATING INSTRUCTIONS

This product is intended for manual pot and pan washing. The dispensing system will automatically dilute the solid detergent into a wash solution.

1. **Prepare Wash Sink:** Fill the wash sink with warm water (typically 100-120°F / 38-49°C) to the appropriate level.
2. **Dispense Detergent:** Activate the dispensing system to release the diluted Solitaire Solid solution into the wash sink. The system is designed to provide the correct concentration.
3. **Wash Items:** Submerge pots, pans, and utensils into the detergent solution. Use a brush, sponge, or scouring pad to manually clean all surfaces, paying attention to baked-on food and grease.

4. **Rinse Thoroughly:** After washing, transfer items to a rinse sink filled with clean, warm water. Rinse thoroughly to remove all detergent residue.
5. **Sanitize (Optional but Recommended):** For commercial food service, follow with a sanitizing step using an approved sanitizer according to local health codes.
6. **Air Dry:** Allow items to air dry completely before stacking or storing.

Always follow your facility's standard operating procedures for dishwashing.

6. MAINTENANCE AND STORAGE

Proper maintenance and storage ensure the longevity and effectiveness of the product.

- **Storage:** Store the Ecolab Solitaire Solid in its original packaging in a cool, dry, well-ventilated area. Avoid extreme temperatures. Do not store near food items.
- **Dispenser Cleaning:** Regularly inspect and clean the detergent dispensing unit according to its manufacturer's instructions to prevent buildup and ensure proper operation.
- **Replace Solid Block:** When the solid detergent block is depleted, replace it promptly following the "Setup and Installation" guidelines.
- **Container Integrity:** Ensure the product container remains sealed until use to prevent moisture absorption, which can affect product integrity.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Detergent not dispensing or dissolving	<ul style="list-style-type: none"> Solid block incorrectly seated Water supply to dispenser is off or restricted Dispenser clogged or malfunctioning Block is depleted 	<ul style="list-style-type: none"> Check block placement in dispenser Verify water connection and pressure Clean dispenser according to its manual; contact service if needed Replace with a new solid block
Poor cleaning performance	<ul style="list-style-type: none"> Incorrect detergent concentration Water temperature too low Insufficient scrubbing Excessive soil load 	<ul style="list-style-type: none"> Ensure dispenser is functioning correctly; check dilution settings Increase water temperature to recommended range Increase manual scrubbing effort Pre-scrape heavily soiled items before washing
Skin irritation after contact	<ul style="list-style-type: none"> Lack of PPE Prolonged exposure 	<ul style="list-style-type: none"> Always wear chemical-resistant gloves and eye protection Rinse affected area immediately with water; seek medical attention if severe

For issues not covered here, contact Ecolab customer support or your authorized distributor.

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	Ecolab
Model Number	6117301
ASIN	B00G2J258S
Item Form	Solid
Scent	Unscented
Specific Uses	Manual Pot and Pan Washing, All Purpose
Material Feature	Concentrated
Surface Recommendation	Stone <i>(Note: This might be a general recommendation for the brand, but for dishwashing, it is safe for various kitchenware materials.)</i>
Product Benefits	Commercial-strength, concentrated, cuts grease, loosens baked-on food, low-alkaline.
Item Volume (per unit)	5 Fluid Ounces <i>(Note: This refers to the volume of the dissolved solution or a specific measurement for the solid block.)</i>
Number of Items	4 (per case)
Size	1.25 Fl Oz (Pack of 4) <i>(Note: This indicates the packaging size for the solid blocks.)</i>

9. WARRANTY AND SUPPORT

Specific warranty information for the Ecolab 17301 Solitaire Solid detergent is not provided in this manual. For details regarding product warranty, returns, or technical support, please contact Ecolab directly or your authorized Ecolab distributor.

Ecolab Contact Information:

- Visit the official [Ecolab website](#) for contact details and support resources.
- Refer to the product packaging for specific customer service phone numbers or email addresses.