



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

**EPA Reg. Number:**  
 82544-1

**Date of Issuance:**  
 07/30/2015

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

**Term of Issuance:**  
 Conditional

**Name of Pesticide Product:**  
 Silver Assembly with Washing  
 Machine

**Name and Address of Registrant (include ZIP Code):**

Mr. John Dubeck  
 Samsung Electronics Co., Inc.  
 416 Maetan-3dong, Yeongtong-gu  
 Suwon-City, Gyeonggi-do, KOREA 443-742

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(B). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

**Signature of Approving Official:**

John Hebert, Chief  
 RMBI, Antimicrobials Division (7510P)

**Date:**

07/30/2015

2. You are required to comply with the data requirements described in the DCI or EDSP Order identified below:
  - a. Silver GDCI-072501-1129

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 82544-1.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

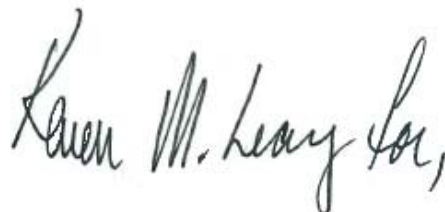
Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 06/01/2010

If you have any questions, please Karen M. Leavy by phone at (703)-308-6237 or via email at [Leavy.Karen@epa.gov](mailto:Leavy.Karen@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Karen M. Leavy Esq.". The signature is written in a cursive style with a large initial "K" and a long, sweeping underline.

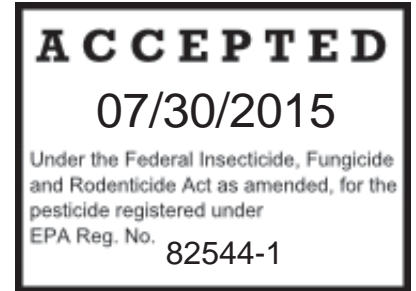
John Hebert  
Branch Chief for,  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

# Label - Carton

Model [xxx]

**Silver Assembly with Washing Machine**  
**[ABN SilverCare™**  
**ActiFresh**  
**Clean FX**  
**ColdPower**  
**ColdWave**  
**TLC(Total Laundry Clean)**  
**Fresh°**  
**TruFresh]**



Active Ingredient:		
Silver as metallic		0.011%
Other Ingredients		99.989%
TOTAL:		100%

**DISPOSAL:** This washing machine may be disposed of in accordance with federal, state, and local environmental control regulations.

**DIRECTIONS FOR USE:** Refer the Washing Machine User Manual.

Samsung Electronics Co., LTD.	EPA Reg. No. 82544-
416 Maetan-3dong, Yeongtong-gu	EPA Est. No.
Suwon-City, Gyeonggi-do, KOREA 443-742	

NET CONTENTS: One (1) Samsung washing machine

# Label – Appliance

**Model**

**Silver Assembly with Washing Machine**  
**[ABN SilverCare™**  
**ActiFresh**  
**Clean FX**  
**ColdPower**  
**ColdWave**  
**TLC**(Total Laundry Clean)  
**Fresh°**

When the Silver Assembly is replaced, keep the spent assembly out of the reach of children

[OPTIONAL LANGUAGE: When the Silver cycle is selected and used regularly, this product provides washed clothes that stay fresher longer by significantly reducing the growth of odor-causing bacteria and mold.]

Active Ingredient:	
Silver as metallic	0.011%
Other Ingredients	99.989%
<hr/>	
TOTAL:	100%

**FOR RESIDENTIAL USE– COMMERCIAL USERS SHOULD NOTIFY THEIR LOCAL WASTE TREATMENT AUTHORITIES BEFORE USE**

**DISPOSAL:** This washing machine may be disposed of in accordance with federal, state, and local environmental control regulations.

**DIRECTIONS FOR USE:** Refer the Washing Machine User Manual.

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NET CONTENTS: One (1) Samsung washing machine

# Washing Machine User Manual - Extract

## For Silver Washing

When the Silver cycle is selected and used regularly, this product provides washed clothes that stay fresher longer by significantly reducing the growth of odor-causing bacteria and mold.

Here's how it works: A grapefruit-sized device alongside the tub uses two pure silver plates the size of large chewing gum sticks as electrodes in the water inlet system. The resulting positively charged silver atoms – Silver ions (Ag+) – are released into the tub during the final rinse cycle.

Extra delicate blouses, shirts, or even lingerie can be washed with the Silver cycle. When needed, the Silver Assembly must be replaced by a Service Technician.

### To Use:

1. Load the washer.
2. (Press)(Activate)(Select) the Power (button)(knob)(switch).
3. Select a Cycle (by turning the Cycle Selection dial). You cannot choose the Silver cycle with the Wool cycle.
4. (Press)(Activate)(Select) the Silver cycle (button)(knob)(switch).
5. Add detergent in the dispenser tray for main washing, and optionally add fabric softener up to the marked line.
6. (Press)(Activate)(Select) the Start/Pause (button)(knob)(switch). The washer automatically selects optimal washing conditions by sensing the laundry's weight

## **FOR RESIDENTIAL USE – COMMERCIAL USERS SHOULD NOTIFY THEIR LOCAL WASTE TREATMENT AUTHORITIES BEFORE USE**

The total number of silver cycles run by the washer is displayed when (selecting) (pressing)(activating) the Signal (button)(knob)(switch) and the Silver Ion cycle (button)(knob)(switch) simultaneously while the power is on.

A Service Technician will need to replace the Silver Assembly. Contact 1-800-SAMSUNG.

# Washing Machine User Manual - Extract

## Silver Ionizing Process:

When the Silver cycle is selected, silver ions are released during the final rinse process at a controlled rate to provide the benefits of washed clothes that stay fresher longer by reducing the growth of odor-causing bacteria and by significantly reducing the odor-causing mold and bacteria from the washer.

## Silver ionizing process - Technical Specification:

Silver concentration :  $320 \pm 40$  ppb in final rinse water  
Ionization time : 60 ~ 120 sec.  
Ionization current :  $65 \pm 3$  mA.  
Ionization voltage : 0~36V (Automatically adjusted to maintain ionization rate (current) within specified limits).

## Ionization process - Operating range - incoming water:

Inlet water Pressure: 15 PSI – 120 PSI  
Water hardness : 50 -300ppm

## Optional Claims – SilverCare

When the Silver Ion Option is selected and used regularly, this product:

### Fabric Claims: Under cold wash and no bleach conditions:

- Helps reduce odor on clothing and fabrics.
- Keeps laundry smelling fresher\*, longer when used regularly.
- Regularly used, minimizes odors in clothing, towels, and linens.
- Prevents the growth of odor-causing bacteria on fabrics for 30 days.
- With repeated washings, SilverCare™ reduces the growth of odor-causing bacteria on fabrics.
- Provides a fresher-smelling\* fabric.
- Provides fresher\* fabrics.
- Helps keep your clothes fresher\* longer.
- Provides residual control of odor-causing bacteria on washed fabrics for a month.
- Provides long-lasting control of odor-causing bacteria on washed fabrics for 30 days.
- SilverCare™ prevents the growth of odor causing bacteria on cotton fabrics for several weeks.
- Keeps your laundry smelling fresh\* and clean.

### Washer (drum) Claims: Under cold wash and no bleach conditions:

- Minimizes odors where they hide – in the moist areas inside your washer.
- Provides long lasting control of odor-causing bacteria and/or mold in standing water areas inside your washer for a month.
- Eliminates the growth of odor-causing bacteria and/or mold in washer's water system for 30days.
- Provides a fresher-smelling\* washer.
- Provides a fresher\* washer.
- Kills odor-causing bacteria and/or mold in the water in the drum.
- Reduces the growth of odor-causing bacteria and/or mold in the water in the drum.
- Keep your washer fresh\* and clean

\*References to “fresh” or “fresher” refer to the reduction of odor-causing bacteria and/or mold.