



# RTLS Tags and Chargers Approved Cleaning Materials

## TECHNICAL BULLETIN

### DESCRIPTION

The information described in this document is designed to provide guidance for maintaining Securitas Healthcare Tags, provide an effective means for cleaning and disinfection and promote trouble-free operation. Follow hospital protocol for establishing Tag cleaning schedules. Tags used for patients should be cleaned after each use. For cleaning products not listed below, please contact Securitas Healthcare technical support prior to use.

### PRECAUTIONS

When cleaning and sanitizing Securitas Healthcare Tags, observe the following precautions:

- The disinfecting properties of cleaning solutions vary. Consult the manufacturer for specific information.
- Do not immerse Tags in liquids. Immersion could damage the Tag.
- Do not allow liquids to enter the Tag's electronics compartment, for example in ultrasound or humidity Tags.
- Do not sterilize Tags using heat, steam, ethylene oxide (ETO), or radiation. These methods may cause Tags to malfunction.
- Certain cleaning and sanitizing compounds may slowly degrade components made from some plastic materials.
- Using abrasive cleaners or cleaning solutions not recommended by Securitas Healthcare may result in product damage and potentially void the product warranty.
- Never use sharp objects such as fingernails, paper clips or needles to clean Tag parts.
- Do not use the non-approved cleaning products to clean Tags.
- Do not use solvents that are harmful to plastic, such as acetone.
- Use eye, respiratory and/or skin protection appropriate to the cleaning solution and the possible contaminants on the Tag.

### APPROVED CLEANING METHODS AND PRODUCTS

Clean the exposed surfaces of the Tag with a soft, lint-free cloth dampened with one of the cleaning solutions listed in the table, or use ready-made wipes or towelettes designed for this purpose. If necessary, use a small non-abrasive brush. Tags may be cleaned with a mild solution of soapy water, but note that this may not provide the desired level of sanitization or disinfection. Remove soap residue with a cloth dampened in clean water.

If necessary, sanitize the external surfaces of Tags using one of the sanitizers listed in the table.

**Note:** Not all cleaning solutions are sanitizers. Check product labeling or consult your hospital infection control specialists.



TAG IMAGES



\* See separate table on page 5 for the T12s and T15 Tags.

**Note:** Grey highlighted entries = material approved but not tested.

Cleaning Solution on Tags with new laminated labels	Active Material	pH (according to Manufacturer Recommendations)	T2s	T3s	T12	T14	Hugs Tag	Kisses Tag	Hugs Charger
Coverage™ HBV A-456-N (Airkem) Maxima 128	Quaternary Ammonium Salts	NA NA 0.8- 1.9	✓	✓	✓	✓	✓	✓	✓
Neutral QUAT Disinfectant Cleaner Concentrate		6.5-7.5	✓	✓	✓	✓	✓	✓	✓
Formula C™		7.5	✓	✓	✓	✓	✓	✓	✓
SaniWipes / Purple Top		6.25-8.5	✓	✓	✓	✓	✗	✗	✓
HB Quat Disinfectant Cleaner Concentrate 25 (3M)		≈9	✓	✓	✓	✓	✓	✓	✓
Virex II 256		10.2	✓	✓	✓	✓	✓	✓	✓
Sani-Cloth AF3 Germicidal Disposable Wipes		11.5	✓	✓	✓	✓	✓	✓	✓
SaniWipes / Red Top = Sani Cloth Plus		11-12	✓	✓	✓	✓	✓	✓	✓
Cavi Cide or Cavi Wipes		11-12	✓	✓	✓	✓	✓	✓	✓



Cleaning Solution on Tags with new laminated labels	Active Material	pH (according to Manufacturer Recommendations)	T2s	T3s	T12	T14	Hugs Tag	Kisses Tag	Hugs Charger
LpH Disinfectant Cleaner	Phenols	2	✓	✓	✓	✓	✓	✗	✓
Wex Cide-Ready-To-Use		2.2	✓	✓	✓	✓	✗	✗	✓
Wex Cide 128		2.8	✓	✓	✓	✓	✓	✗	✓
Thymocide		3	✓	✓	✓	✓	✓	✓	✓
Sporicidin®		>7	✓	✓	✓	✓	✗	✗	✓
Expose II 256 Or Phenolic 256 DC		9.9	✓	✓	✓	✓	✓	✓	✓
Precise		10.1-10.3	✓	✓	✓	✓	✓	✓	✓
Vesphene® II SE		10.4-10.6	✓	✓	✓	✓	✓	✓	✓
Professional Amphyl Hospital Bulk Disinfectant		10.7	✓	✓	✓	✓	✓	✓	✓
Bulk Disinfectant - not defined - many versions			high	✗	✗	✗	✗	✗	✗

Cleaning Solution on Tags with new laminated labels	Active Material	pH (according to Manufacturer Recommendations)	T2s	T3s	T12	T14	Hugs Tag	Kisses Tag	Hugs Charger
Detergezime - generic = detergent + enzyme	Enzymatic	NA	✓	✓	✓	✓	✓	✓	✓
OPTIPRO SOLID MULTI ENZYMATIC MANUAL CLEANER		NA	✓	✓	✓	✓	✓	✓	✓
Prolystica Ultra Concentrate Enzymatic Cleaner		6.5-7.5	✓	✓	✓	✓	✓	✓	✓
Metrizyme Asepti-zyme		8.15	✓	✓	✗	✓	✗	✗	✓



Cleaning Solution on Tags with new laminated labels	Active Material	pH (according to Manufacturer Recommendations)	T2s	T3s	T12	T14	Hugs Tag	Kisses Tag	Hugs Charger
Spor Klenz - ready to use	Peroxide and Free - Radicals	1.5-2.0	✓	✓	✓	✓	✓	✓	✓
Virox Accel Prevention (wipes & concentrate in use)		1.6-3	✓	✓	✓	✓	✓	✓	✓
Virox Rescue		2.4-3	✓	✓	✓	✓	✓	✓	✓
Virkon -S Powder		2.6 (1%)	✓	✓	✓	✓	✓	✓	✓
CLOROX Healthcare™ H2O2 Cleaner		2.2-2.6	✓	✓	✓	✓	✗	✗	✗
Hydrogen Peroxide Cas-sette		<3	✓	✓	✓	✓	✓	✓	✓
Oxivir Five 16 Smart Dose		1.9	✓	✓	✓	✓	✓	✓	✓
Oxivir TB wipes		3	✗	✗	✗	✗	✗	✗	✗
Oxivir TB		3	✗	✗	✗	✗	✗	✗	✗

Cleaning Solution on Tags with new laminated labels	Active Material	pH (according to Manufacturer Recommendations)	T2s	T3s	T12	T14	Hugs Tag	Kisses Tag	Hugs Charger
Bleach use with gauze (Clorox germicidal bleach)	Chlorine and Bleach	12	✓	✓	✓	✓	✓	✓	✓
CLOROX Commercial Solutions® Germicidal Wipes		12	✓	✓	✓	✓	✓	✓	✓

Cleaning Solution on Tags with new laminated labels	Active Material	pH (according to Manufacturer Recommendations)	T2s	T3s	T12	T14	Hugs Tag	Kisses Tag	Hugs Charger
Isopropyl Alcohol use with gauze	Alcohols	NA	✓	✓	✓	✓	✗	✗	✓
Hibiclens		5-6.5	✓	✓	✓	✓	✓	✓	✓
Premoistened Alcohol/DI Clean Wipes		7	✓	✓	✓	✓	✓	✓	✓



**Note:** Grey highlighted entries = material approved but not tested.

Cleaning Solution on Tags with new laminated labels	Active Material	pH (according to Manufacturer Recommendations)	T2s	T3s	T12	T14	Hugs Tag	Kisses Tag	Hugs Charger
Staph-Attack	Various	1.8	✓	✓	✓	✓	✓	✓	✓
CaviWipes (Metrex)			✓	✓	✓	✓	✓	✓	✓
Frekaderm Actief 100 g liquide			✓	✓	✓	✓	✓	✓	✓
Staphicide -Eco Line 0.5%		2.4-2.8	✗	✗	✗	✗	✗	✗	✗
Expose 256			✓	✓	✓	✓	✓	✓	✓
Thymocidine Yes Wexide 128			✓	✓	✓	✓	✓	✓	✓

The following table lists the approved/non-approved cleaning solutions for the T12s and and T15 Tags only.

Cleaning Solution	T12s	T15
70% isopropyl alcohol	✓	✓
Clorox Healthcare® bleach germicidal cleaner	✗	✓
LpH® se concentrated germicidal detergent (0.5 oz. per gallon of water)	✓	✓
Ecolab® Asepti-Zyme™ instrument presoak and detergent (1 oz. per gallon of water)	✓	✓
PDI® Super Sani-Cloth® germicidal disposable wipes (purple top)	✓	✓
Phenolic 256 DC TM germicidal detergent (0.5 oz. per gallon of water)	✓	✓
Staph Attack™ disinfectant fungicide and virucide	✓	✓
Virkon S® disinfectant and virucide (1.28 oz. per gallon of water)	✓	✓
Wexford Labs Ready-to-use Wex-cide™ germicidal detergent	✓	✓
Wexford Labs RTU Thymo-Cide™ germicidal detergent	✓	✓
Wexford Labs Wex-Cide 128 concentrate	✗	✗

### NON-APPROVED CLEANING PRODUCTS

Some cleaning materials include aggressive ingredients that can harm tags.

We recommend that you do not use compounds containing:

- Combinations of isopropyl alcohol and dimethyl benzyl ammonium chloride
- Combinations of ethylene Diamine Tetra Acetic Acid and Sodium Hydroxide
- Benzul-C12-16-Alkyl Dimethyl Ammonium Chlorides
- D-Limonene



## Reporting a Hazardous Material

Found a new material that harms tags? Are you using a product that is not listed above?

Please contact us at:

<https://www.securitashealthcare.com/contact>

Thank you for using Securitas Healthcare Tags, and for taking time to send us your feedback.

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