



DATA SHEET

SONO[®] Ultrasound Wipes

Distributed by NEXT Medical Products

DESCRIPTION

- One-step cleaner, disinfectant, deodorizer and sanitizer tested compatible with all major brands of ultrasound equipment.
- Thoroughly cleans and disinfects, yet does not damage transducers and equipment.
- Effective on hard, washable, non-porous surfaces in many healthcare settings, as well as at home, in the gym or office, or when traveling.
- Included on the EPA (U.S. Environmental Protection Agency) "List N" for disinfectants for Coronavirus (COVID-19).
- Kills 99.9% of germs, bacteria and viruses on contact.
- Kills 47 pathogens including MRSA, HIV and Staph.
- Free of ammonia, phosphate, solvent and bleach; low alcohol level.
- Quaternary ammonium based.
- Fabric is textured to pick up particles and remove dirt, spots and smudges.
- Meets OSHA's Bloodborne Pathogen Standard.
- Made in USA



FUNCTION

- Hospital grade cleaning, disinfecting and deodorizing wipe.
- Can be used on non-porous surfaces as well as transducers, cables, lenses, touch screens and system consoles.
- Will not harm most surfaces including acrylic, sealed fiberglass and vinyl.

CONTRAINDICATIONS

- Do not use as a diaper wipe or for personal cleansing. Not a baby wipe.
- Do not flush in toilet.
- Spot test on plastic or painted surfaces in an inconspicuous area before use.
- Do not use on unpainted wood.
- Consult package for full product information.
- Keep out of reach of children.

USE

- Remove wipe as needed. Consult package for full instructions.
- Safe to handle without gloves.
- To retain moisture, reseal package firmly.

STORAGE

- Store in original container in areas inaccessible to children.
- Keep package securely closed to retain moisture.

ORDERING INFORMATION

| Description | Part No. | Wipe Size | Contents |
|-----------------------------------------------|----------|-----------|------------------------------------------------|
| SONO [®] Ultrasound Wipes, soft pack | 4018 | 7" x 10" | 50 ultrasound wipes/pack, 12 packs/case |
| SONO [®] Ultrasound Wipes, canister | 4032 | 7" x 8" | 80 ultrasound wipes/canister, 6 canisters/case |

SHELF LIFE

- Shelf life is two years.
- Expiration of opened package is one year.

Distributed by:

NEXT Medical Products Company, 45 Columbia Road, Branchburg, NJ 08876

Order Desk: 800-458-4254 Order Fax: 908-218-3715 Website: www.nextmedicalproducts.com

ADVANCED ULTRASOUND SOLUTIONS INC.

SONO ULTRASOUND WIPES | SONO DISINFECTING WIPES Formulation data sheet FDS

SONO ULTRASOUND WIPES[®] | SONO DISINFECTING WIPES

One Step Cleaner/Disinfectant/Deodorizer/Sanitizer

Description

SONO Wipes™ are fast acting, broad spectrum, one-step, hard surface, hospital disinfectant/cleaners in a convenient, disposable wipe. When used as directed, these wipes deliver effective biocidal action against a market leading number of bacteria, fungi, viruses and exceptional cleaning performance. SONO Wipes™ formulation does not contain high levels of solvent that can cause wipes to dry out and lose their efficacy. SONO Wipes™ can be used to disinfect and sanitize a wide variety of hard surfaces such as ultrasound equipment and transducers, Patient monitors, ECG machines and cables, mammography compressor plates, bed rails, call buttons, computer keyboards, door handles and many other high touch surfaces in a healthcare environment. Additionally, these wipes perform well on tables, countertops, lab benches, gurneys, rescue tools, floors, walls, and other non-porous surfaces in hospitals, schools, restaurants, and factories. Still other areas of use are in restaurants, food processing facilities, athletic facilities, restrooms, food storage areas, and transportation vehicles and facilities. SONO Wipes™ can also be used to clean and disinfect non-porous personal protection equipment as well as gym/exercise equipment.

Formula:

SONO Ultrasound | Disinfecting Wipes

Active Ingredient

%wt/wt

Lonzagard Concentrate 57-H

1.4

Inert Ingredients

98.6

*Substrate

*

*Chelant

*

*Builder

*

*Nonionic surfactant

*

*Fragrance

0.1 to 1.00*

*Water

q.s. to 100.00*

Regulatory Summary:

Physical Properties:

| | | | | | |
|------------------------------------------------|-----------------------|--------------|---------|----------------------|-------------|
| EPA Registration No. California Registered: | 6836-340-89018 YES | pH of Liquid | 10.5-12 | %Quat (mol. Wt. 342) | 0.273-0.333 |
|------------------------------------------------|-----------------------|--------------|---------|----------------------|-------------|

The seller makes no warranty, expressed or implied, concerning the accuracy of any results to be obtained from the use of this information and no warranty is expressed or implied concerning the use of these products other than indicated within. The buyer assumes all risks of use and/or handling. No statement is intended or should be construed as a recommendation to infringe any patent. Printed in the USA Revised 04-14-2014 Supersedes 10-17-08

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SONO WIPES™ are a "One-Step" Hospital Disinfectant, Virucide, Fungicide, Mildewstat, and Cleaner. Listed in the following pages is a summary of Antimicrobial Claims.

| | | |
|-------------------------------|-----------------------------------|----------------------------|
| Claim: Disinfectant | Contact Time: 4 Minutes | Organic Soil: 5% |
|-------------------------------|-----------------------------------|----------------------------|

Test Method: EPA Guidelines for Presaturated Towelettes for Hard Surface Disinfection

| Organism | ATCC# |
|------------------------------------------------------------------|-----------------|
| Acinetobacter baumannii | 19606 |
| Burkholderia cepacia | 6871 |
| Campylobacter jejuni | 29428 |
| Enterobacter aerogenes | 13408 |
| Enterococcus faecalis | 11700 |
| Enterococcus faecalis - Vancomycin resistant. | 51299 |
| Escherichia coli | 11229 |
| Escherichia coli O157:H7 | 35150 |
| Escherichia coli ESBL (Enzyme producing, antibiotic resistant) | CU-209 |
| Klebsiella pneumoniae | 4352 |
| Legionella pneumophila | 33153 |
| Listeria monocytogenes | 19111 |
| Pseudomonas aeruginosa | 15442 |
| Pseudomonas cepacia | 17765 |
| Pseudomonas cepacia | 25416 |
| Pseudomonas cepacia | 25608 |
| Salmonella (choleraesuis) enterica | 10708 |
| Salmonella schottmuelleri | 10719 |
| Salmonella typhi | 6539 |
| Serratia marcescens | 274 |
| Shigella dysenteriae | 9380 |
| Staphylococcus aureus ⁴ | 6538 |
| Staphylococcus aureus - Multi-drug resistant | 33592 |
| Staphylococcus aureus Methicillin resistant strain ⁵ | 14154 |
| Staphylococcus aureus (VISA) – Vancomycin Intermediate Resistant | CDC HIP-5836 |
| Staphylococcus aureus (MRSA) Community Associated | NRS 384 USA 300 |
| Staphylococcus aureus (MRSA) Community Associated | NRS 123 USA 400 |
| Streptococcus pyogenes | 12344 |
| Vibrio cholerae | 14035 |

⁴ Multidrug Resistant: Tetracycline, penicillin, streptomycin, erythromycin; susceptible to chloramphenicol

⁵ Reduced Susceptibility to Vancomycin

Conclusion: All lots of SONO Wipes™ effectively killed the above listed bacteria as specified in the test performance standards.

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Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by influenza A virus. SONO Wipes™ is a broad-spectrum hard surface disinfectant that has been shown to be effective against (influenza A virus tested and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).

| | | |
|----------------------------------------------------------------------------------------------|-----------------------------------|----------------------------|
| Claim: Virucide | Contact Time: 4 minutes | Organic Soil: 5% |
| Test Method: EPA Guidelines for Presaturated Towelettes for Hard Surface Disinfection | | |

| Organism | Source of Virus or ATCC# | Contact Time |
|--------------------------------------------------|------------------------------------------------|--------------|
| Herpes Simplex Type 1 | VR-733, Strain F(1) | 4 Min |
| Herpes Simplex Type 2 | VR-734, Strain G | 4 Min |
| Hepatitis B (HBV) | Hepadnavirus Testing | 4 Min |
| Hepatitis C (HCV) | Bovine Viral Diarrhea Virus | 4 Min |
| HIV-1 (AIDS Virus) | HTLV-IIIb; Electronucleonics Inc. | 1 Min |
| Human Coronavirus | ATCC VR-740 | 4 Min |
| Influenza A/Brazil | A/Brazil 11/78 (H1N1) E-7 ; CDC | 4 Min |
| Influenza A (H1N1) Virus | ATCC VR-1469, Strain A/PR/8/34 | 4 Min |
| 2013 Influenza A Virus (H7N9) | | 4 min |
| Norwalk Virus (Feline Caliciviruses) (Norovirus) | Feline Caliciviruse (FSV) University of Ottawa | 10 Min |
| Respiratory Syncytial Virus | VR-26 | 4 Min |
| Rotavirus | Strain WA | 10 Min |
| SARS associated Coronavirus | SARS associated coronavirus strain 200300592 | 4 Min |
| Vaccinia | Wyeth strain | 4 Min |

Conclusion: All lots of SONO Wipes™ effectively inactivated the above listed viruses as specified in the test performance standards.

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| | | |
|------------------------------------|-----------------------------------|----------------------------|
| Claim: Fungicide | Contact Time: 8 minutes | Organic Soil: 5% |
| Test Method: EPA Guidelines | | |

| Organism | ATCC Strain # |
|------------------|---------------|
| Candida Albicans | 9533 |

Conclusion: All lots of SONO Wipes™ effectively killed Trichophyton mentagrophytes as specified in the test performance standards. SONO Wipes™ are an effective fungicide for nonporous inanimate hard surfaces.

| | | |
|------------------------------------|-----------------------------------|----------------------------|
| Claim: Mildewstat | Contact Time: 4 minutes | Organic Soil: 5% |
| Test Method: EPA Guidelines | | |

| Organism | ATCC Strain # |
|-------------------|---------------|
| Aspergillus niger | 6275 |

Conclusion: All lots of SONO Ultrasound Wipes™ were effective against Aspergillus niger under the test conditions outlined in the EPA test performance standards described above. SONO Ultrasound Wipes™ are an effective mildewstat for non-porous inanimate hard surfaces.

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Claim: Non Food Contact Sanitizer | Contact Time: 15 Seconds |
| Test Method: Standard Test Method for efficacy of sanitizers, recommended for inanimate non-food contact surfaces (modification for pre-saturated towelette product application). | |

| Organism | ATCC Strain # |
|-----------------------|---------------|
| Staphylococcus aureus | 6538 |
| Klebsiella pneumonia | 4352 |
| Campylobacter jejuni | 29428 |

Conclusion: All lots of SONO Wipes™ were found to be effective against the above organisms as specified under the test conditions outlined in the EPA test performance standards. SONO Wipes™ are an effective sanitizer for non-food nonporous inanimate hard surfaces.

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| | | |
|------------------------------------|-----------------------------------|----------------------------|
| Claim: Virucide | Contact Time: 4 minutes | Organic Soil: 5% |
| Test Method: EPA Guidelines | | |

| Organism | Source of Virus or ATCC# |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Avian Influenza (H3N2) | Avian Influenza (H ₃ N ₂) Virus ATCC VR 2072 Strain A/Washington/897/80X A/Mallard/New York/6750/78 |
| Avian Influenza (H5N1) | Strain H5N1- PR8/CDC-RG CDC#2006719965 |
| Feline Calicivirus | |
| Canine Distemper Virus | Canine Distemper Strain Ondesterpoort |
| Newcastle Disease Virus | NDV Atcc VR-108 Strain B-1 Hitchner and Blacksburg |
| Pseudorabies Virus | PRV Strain Aujeschkies PT-1 Origin |

Conclusion: All lots of SONO Wipes™ were found to be effective against the above animal viruses as specified by the EPA test performance standards. SONO Wipes™ are an effective virucide for nonporous inanimate hard surfaces.

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Summary of Organisms – Etiology ³

| Pathogenic Microorganism | Description |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acinetobacter baumannii | Gram negative (spherical shape) bacteria. Occurs in soil, water and sewage. A nosocomial infection can cause septicemia, meningitis and urinary tract infections. |
| Aspergillus niger | Black mold, found in shower and dressing rooms. Environmental contaminant may also cause aspergillosis. |
| Burkholderia cepacia | Gram positive bacteria environmental contaminant. Associated with industrial contamination. |
| Campylobacter jejuni | Gram negative bacteria associated with acute gastroenteritis. Spread by anal/oral route of infection, resulting in diarrhea outbreaks. |
| Enterobacter aerogenes | Gram negative bacteria spread by anal/oral route of infection. Associated with bacteremia, respiratory, wound and urinary tract infections. |
| Escherichia coli | Gram negative bacteria spread by anal/oral route of infection, resulting in diarrhea outbreaks. Associated with urinary tract infections and bacteremia. |
| Herpes Simplex Type 1&2 | Lipophilic (enveloped) DNA virus, may result in oral mucocutaneous lesions. Associated with most orofacial herpes and HSV encephalitis. |
| HBV (Hepatitis B Virus) | Lipophilic (enveloped) DNA virus of the Hepadnaviridae family. Causative agent of Hepatitis B (serum hepatitis). |
| HCV (Hepatitis C Virus) | Major cause of acute hepatitis and chronic liver disease, including cirrhosis and liver cancer. It is an enveloped RNA virus in the flaviviridae family. |
| HIV-1 (AIDS Virus) | Lipophilic (enveloped) RNA retrovirus. Human Immunodeficiency Virus. Known to be the etiologic agent of Acquired Immunodeficiency Syndrome (AIDS). |
| Human Coronavirus | Monogeneric group of RNA containing viruses that are associated with respiratory infections. |
| Influenza A/Brazil | Lipophilic (enveloped) RNA virus. Causative agent in viral flu. Causes flu epidemics in nearly 2 of every 3 years. |
| Klebsiella pneumoniae | Gram negative bacteria associated with severe pneumonia, bacteremia and urinary tract infections. |
| Legionella pneumophila | A motile rod-shaped, gram-negative, aerobic facultative intracellular bacterium that causes legionellosis (respiratory infections). |
| Pseudomonas aeruginosa | Gram negative bacteria identified as a major cause of hospital acquired (nosocomial) infections. Causes wound infections (especially burn), meningitis, pneumonia and eye infections. Required for Hospital Disinfectants. |

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Summary of Organisms (continued)– Etiology ³

| Pathogenic Microorganism | Description |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Pseudomonas cepacia</i> | Gram negative bacteria identified as a cause of hospital acquired (nosocomial) infections. Causes septicemia, meningitis, endocarditis, pneumonia, eye wound and urinary tract infections, especially with the chronically ill. |
| Respiratory Syncytial Virus | Virus that can cause severe lower respiratory infections in children under 2 and mild upper respiratory infections in older children and adults. Inflammation of bronchioles. |
| <i>Salmonella choleraesuis</i> | Gram negative bacteria associated with acute gastroenteritis and septicemia. Required for Hospital Disinfectants. |
| <i>Salmonella schottmuelleri</i> | Gram negative bacteria associated with acute gastroenteritis and diarrhea. |
| <i>Salmonella typhi</i> | Gram negative bacteria associated with acute gastroenteritis and diarrhea. Causative agent for typhoid fever. |
| <i>Serratia marcescens</i> | Gram negative bacteria associated with urinary tract infections, meningitis and septicemia . |
| <i>Shigella dysenteriae</i> | Gram negative bacteria directly spread by anal/oral route of infection; indirectly (including food, hands, flies) spread by contaminated food and inanimate objects resulting in bacillary dysentery. |
| <i>Staphylococcus aureus</i> | Gram positive bacteria identified as a major cause of hospital acquired (nosocomial) infections. Colonizes food and secretes enterotoxins which cause food poisoning after ingestion. Causes wound infections, septicemia, endocarditis, meningitis, osteomyelitis and pneumonia. Required for Hospital Disinfectants. |
| <i>Streptococcus (Enterococcus) faecalis</i> | Gram positive (Enterococci) bacteria causing hemolysis, urinary tract infections and endocarditis. |
| <i>Streptococcus (Enterococcus) pyogenes</i> | Gram positive (Enterococci) bacteria causing hemolysis, urinary tract infections and endocarditis. Causative agent of pharyngotonsillitis (sore throats). |
| <i>Candida Albicans</i> | <i>Candida albicans</i> is a diploid fungus that grows both as yeast and filamentous cells and a causal agent of opportunistic oral and genital infections in humans, and candidal onychomycosis, an infection of the nail plate |
| Vaccinia | Lipophilic (enveloped) DNA poxvirus; causes poxvirus infections. |
| <i>Vibrio cholerae</i> | Gram negative, rod shape bacteria; causative agent for cholerae – causes severe diarrhea -- often fatal. |

³ Microbiology, D. Kingsbury and G. Wagner