

#96 Re-Juv-Nal® HBV

Re-Juv-Nal HBV (EPA Reg # 61178-1-1658) has demonstrated effectiveness against viruses similar to 2019 novel coronavirus (SARS- CoV-2) on hard, non-porous surfaces. Therefore, this product can be used against SARS- CoV-2, the novel coronavirus that causes the disease COVID- 19, when used in accordance with the directions for use against Rotavirus / Porcine Rotavirus on hard, non-porous surfaces.

Refer to the CDC website (<https://www.cdc.gov/coronavirus/2019-ncov/index.html>) for additional information.

A concentrated, hospital-grade, quaternary, disinfectant/detergent, sanitizer, virucide, deodorizer that cleans and controls the hazard of cross-contamination from environmental surfaces. Re-Juv-Nal HBV is also effective against Hepatitis B! It is approved for use on floors, walls, sinks, toilets, tables, chairs, telephones, counters, cabinets, baths, showers, and other hard surfaces where broad spectrum control is important. Re-Juv-Nal HBV is EPA registered for application with a mechanical sprayer. Active Ingredients: Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride 2.37%, Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride 2.37%. Inert Ingredients: 95.26%.

- Perfect for any facility where cross-contamination is a concern.
- Pleasant, light floral fragrance.
- EPA registered disinfectant.

Technical Specifications

Appearance	Clear
Dilution Rate	1:64
Color	Clear
Scent	Lemon
Non Volatile Matter	12.00 - 14.00%
pH @ 25 deg. C	11.50 - 12.50
EPA Registration No.	EPA Reg. No. 61178-1-1658

HMIS (Concentrate/RTU)

Flammability = 0 Health = 2 Reactivity = 0

Availability

HIL0009606 4 - 1 Gallon Containers

Directions

This is an EPA registered disinfectant. Please refer to the actual container label for complete directions.



Safety

See material safety data sheet and product for safety information, handling and proper use.

DISINFECTION: Add two ounces of concentrate per gallon of water. Remove gross filth or heavy soil. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, mop, sponge, hand pump trigger sprayer or other mechanical sprayer devices such that all surfaces remain wet for 10 minutes. Let air dry. Prepare a fresh solution for each use. This product is effective in hard water up to 300 ppm hardness (calculated as CaCO₃) and in the presence of organic soil (5% blood serum).

DISINFECT TOILET BOWLS: Flush toilet and add 2 ounces of concentrate directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush. **This product is effective against the following microorganisms:** Contact time is 10 minutes unless noted as below. Isolates From AIDS Patients: *Aspergillus niger*, *Cryptococcus neoformans*, *Staphylococcus aureus*, *Candida albicans*, *Pseudomonas aeruginosa*, *Streptococcus pneumoniae*. Gram Positive Clinical Isolates: *Micrococcus luteus*, *Staphylococcus epidermidis*, *Streptococcus haemolyticus*, *Staphylococcus aureus* (Toxic shock), *Staphylococcus saprophyticus*, *Streptococcus pyogenes*. Antibiotic Resistant Gram Positive Bacteria: *Staphylococcus aureus* (Methicillin Resistant-MRSA, Community Associated Methicillin Resistant CA-MRSA PVL Positive, CA-MRSA Genotype- USA 400 Vancomycin Resistant Intermediate-VISA, Vancomycin Resistant- VRSA), *Enterococcus faecalis* (Vancomycin Resistant-VRE). Gram Negative Clinical Isolates: *Acinetobacter calcoaceticus* var. *anitratus*, *Hafnia alvei*, *Brevundimonas diminuta*, *Acinetobacter calcoaceticus* var. *lwoffii*, *Klebsiella oxytoca*, *Pseudomonas fluorescens*, *Bordetella bronchiseptica*, *Klebsiella pneumoniae*, *Sphingomonas paucimobilis*, *Enterobacter agglomerans*, *Morganella morganii*, *Pseudomonas pseudomallei*, *Enterobacter cloacae*, *Proteus mirabilis*, *Pseudomonas putida*, *Enterobacter gergoviae*, *Proteus vulgaris*, *Pseudomonas stutzeri*, *Enterobacter liquefaciens*, *Pseudomonas aeruginosa*, *Serratia marcescens*, *Escherichia coli* (Urinary), *Burkholderia cepacia*, *Escherichia coli* (Wound), *Flavobacterium meningosepticum*. Human Viruses: Cytomegalovirus, Influenza A/Brazil Virus, Poliovirus Type 1 (Chat strain) 30 minutes contact time, HCV (Hepatitis C Virus), HBV (Hepatitis B Virus), Influenza B Virus (Allen strain), Herpes Simplex Type 1 Virus, Influenza C Virus (Taylor strain), Adenovirus type 2, Herpes Simplex Type 2 Virus, Measles Virus, Influenza A2-Asian Virus, Human Coronavirus ,HIV-1 (AIDS Virus), Parainfluenza type 1, Vaccinia Virus, Rotavirus, Norovirus. Other Bacteria: *Escherichia coli* strain (0157:H7), *Salmonella typhi*, *Pseudomonas aeruginosa*, *Streptococcus pyogenes*, *Salmonella enteric*, *Campylobacter jejuni*, *Streptococcus pneumoniae* (PRSP), *Listeria monocytogenes*, *Yersinia enterocolitica*, *Enterobacter aerogenes*.

SANITIZATION - NON-FOOD CONTACT SURFACES: Remove all gross filth or heavy soil prior to applying sanitizing solution. To sanitize walls, floors and other hard non-porous surfaces in such areas as schools, institutions, and industries, use a mop, cloth or immerse item in a solution containing 2 ounces per gallon so as to wet all surfaces thoroughly for 1 minute. Drain or air dry. Prepare a fresh solution daily or when solution gets visibly dirty.

CLEANING AND DEODORIZATION: Deodorizes garbage storage areas, empty garbage bins and cans, toilet bowls and any other odor causing areas. Mix 2 oz. per gallon of water and apply solution to surfaces. Be sure to thoroughly wet surfaces, allow to air dry.

VIRUCIDAL*: When used on inanimate, hard, non-porous, environmental surfaces at 2 ounces per gallon of water for a 10 minute contact time (5% organic soil), except for Poliovirus type 1 (Chat strain): which requires a 30 minute contact time (5% organic soil) and HIV-1 which requires only a 30 second contact time.

***KILLS HCV, HIV-1 AND HBV ON PRE-CLEANED ENVIRONMENTAL SURFACE/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of HCV (Hepatitis C Virus), HIV-1(AIDS virus) or HBV (Hepatitis B virus).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HCV, HIV-1 AND HBV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS: PERSONAL PROTECTION: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks or eye coverings. **CLEANING PROCEDURE:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant. **DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of in according to federal, state and local regulations for infectious waste disposal. **CONTACT TIME:** Leave surfaces wet for 30 seconds for HIV- 1 and 10 minutes for HCV and HBV. The contact time for the viruses, fungi and bacteria listed on this label is 10 minutes, except for Polio Virus Type 1 (Chat strain) which is 30

minutes.

Efficacy:

BACTERICIDAL ACTIVITY: 10 minute contact time, Isolates From AIDS Patients, Cryptococcus neoformans, Staphylococcus aureus, Pseudomonas aeruginosa, Streptococcus pneumoniae, Gram Positive Clinical Isolates Micrococcus luteus, Staphylococcus epidermidis, Streptococcus haemolyticus, Staphylococcus aureus (Toxic shock), Staphylococcus saprophyticus, Streptococcus pyogenes, Antibiotic Resistant Gram Positive Bacteria Staphylococcus aureus (Methicillin Resistant-MRSA, Community Associated Methicillin Resistant CA-MRSA PVL Positive, CA-MRSA Genotype- USA 400, Vancomycin Resistant Intermediate- VISA, Vancomycin Resistant-VRSA) Enterococcus faecalis (Vancomycin Resistant-VRE), Gram Negative Clinical Isolates Acinetobacter calcoaceticus var. anitratus Hafnia alvei, Brevundimonas diminuta, Acinetobacter calcoaceticus var. Iwoffii, Klebsiella oxytoca, Pseudomonas fluorescens, Bordetella bronchiseptica, Klebsiella pneumoniae, Sphingomonas paucimobilis, Enterobacter agglomerans, Morganella morgani, Pseudomonas pseudomallei, Enterobacter cloacae, Proteus mirabilis, Pseudomonas putida, Enterobacter gergoviae, Proteus vulgaris, Pseudomonas stutzeri, Enterobacter liquefaciens, Pseudomonas aeruginosa, Serratia marcescens, Escherichia coli (Urinary), Burkholderia cepacia, Escherichia coli (Wound), Flavobacterium meningosepticum, Escherichia coli strain (0157:H7), Salmonella typhi, Pseudomonas aeruginosa, Streptococcus pyogenes, Salmonella enterica, Campylobacter jejuni, Streptococcus pneumoniae (PRSP), Listeria monocytogenes, Yersinia enterocolitica, Enterobacter aerogenes.

***VIRUCIDAL ACTIVITY:**

30 Second contact time: *HIV-1 (AIDS Virus)

10 minute contact time, *Cytomegalovirus, *Influenza A/Brazil Virus, *HCV (Hepatitis C Virus), *HBV (Hepatitis B Virus), *Influenza B Virus (Allen strain), *Herpes Simplex Type 1 Virus, *Influenza C Virus (Taylor strain), *Adenovirus type 2, *Herpes Simplex Type 2 Virus, *Measles Virus, *Influenza A2-Asian Virus, *Human Coronavirus, *Parainfluenza type 1, *Vaccinia Virus,

30 minute contact time, *Poliovirus Type 1 (Chat strain)