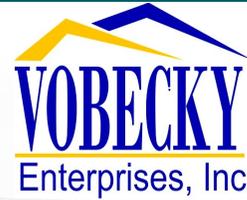


THE SUSTAINABLE ADVANTAGE

A NEW GENERATION
OF PROTECTION

pure

HARD SURFACE



Your Distributor
Vobecky Enterprises, Inc.
134 N. Vermont Ave.
Glendora, CA 91741
626.852.5800
www.vobecky.com



- EPA Registered Hospital Disinfectant
- EPA Lowest Toxicity: Category IV
- Odorless, Non-irritating,
Non-corrosive, Non-flammable
- Fast Kill Times
- Meets OSHA Bloodborne
Pathogen Standards
- 24-Hour Residual Protection
- Essential Addition to
Sustainability Programs



A NEW GENERATION
OF PROTECTION

pure

HARD SURFACE

COMMERCIAL LINE

For use in

Healthcare | Education | Institutions | Food Service

**EFFECTIVE AGAINST MRSA &
MULTIPLE DRUG RESISTANT BACTERIA**

**Kills 99.999% of bacteria that
cause food borne illness.****

NO RINSE FORMULA | ODORLESS | READY TO USE

ACTIVE INGREDIENTS

SILVER ¹	0.003%
CITRIC ACID	4.846%
OTHER INGREDIENTS	95.151%
TOTAL	100.000%

¹Electrolytically generated silver ions stabilized
in citric acid as silver dihydrogen citrate

EPA REG. No. 72977-5-73912
EPA EST. No. 72977-CA-001

Net Contents 1 QT
(32 FL OZ) 946 ML

KEEP OUT OF REACH
OF CHILDREN

KILLS GERMS IN 30 SECONDS[†]

**Protect your healthcare
facility with confidence
without exposing patients
and employees to toxic
disinfectants**



A New Generation of Protection

PURE Hard Surface™ delivers broad spectrum power to eliminate dangerous pathogens on hard, non-porous surfaces in hospitals, nursing homes, medical clinics, dental clinics, infirmaries, blood banks, pharmacies, laboratories, ambulances, patient transfer vehicles, food service, day care centers, and other critical areas.

PURE Hard Surface disinfects high-touch hard, non-porous surfaces including examination tables, over bed tables, waiting areas, wheelchairs, bed frames, medical equipment (e.g., stethoscopes, blood pressure cuffs), walls, floors, door handles, food preparation surfaces, counters, sinks, faucet handles, tubs, showers, commodes, toilet and urinal exterior surfaces, handrails, light switch covers, remote controls, tables, equipment tables, lab benches, etc. PURE Hard Surface also deodorizes unpleasant odors caused by bacteria in hospitals, nursing homes, public restrooms, kitchens, and sink rooms.

Kills germs in as few as 30 seconds**

Conventional brands take up to ten minutes to kill germs

Eliminates more than 30 harmful germs including MRSA, HIV 1, Hepatitis B, NDM-1, CRKP, VRE, Acinetobacter baumannii, Hepatitis C, Norovirus, E. coli, Influenza A, Staphylococcus aureus, Salmonella, Listeria, Rhino Virus, Herpes Simplex Type 1, Polio Type 2, Human Corona Virus, H1N1, Rotavirus, and Avian Influenza A**

Broad spectrum antimicrobial activity with fast kill times

Provides ongoing protection for up to 24-hours**

Other products kill bacteria only at the moment of application

Assigned lowest toxicity category by U.S. EPA — no hazard warnings on label

Most disinfectants are poisonous and must include hazard warnings

Powered by SDC™ (silver dihydrogen citrate) - the first new generation antimicrobial to be registered with the U.S. EPA in more than 30 years

Compare with “old generation” ingredients such as alcohol, quats or bleach

Odorless — Ideal for use near patients and children

Toxic products have irritating and unpleasant fumes

Non-corrosive and does not irritate skin

Other surface disinfectants can be corrosive, can irritate the skin and must be rinsed

Non-flammable, no VOCs or ozone depleting compounds

Products containing alcohol may be flammable and may contain VOCs or ozone depleting compounds

Does not cause bacterial resistance

Many disinfectants allow bacteria to build up resistance over time

Meets Sustainability Program criteria

Products that contain toxic, corrosive, irritating or flammable ingredients or that contain VOCs do not meet sustainability standards.

***Refer to product label for a list of organisms.*

How does it work?

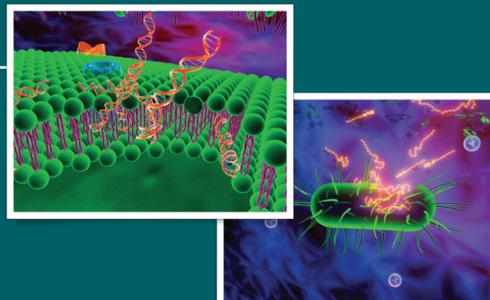
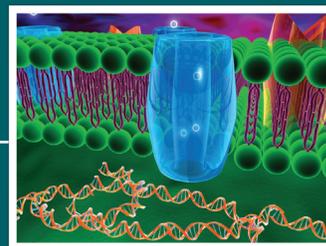
PURE Hard Surface is powered by Silver Dihydrogen Citrate (SDC) a proprietary combination of stabilized ionic silver and citric acid.

SDC's rapid and broad spectrum efficacy is largely attributed to its dual mechanisms of action and unique characteristics. These two mechanisms, alone or in combination, make SDC a powerful antimicrobial while mitigating microbial resistance.



Bacteria are actually attracted to SDC because they recognize citric acid as a food source. SDC easily enters the microorganism like a “Trojan Horse” through membrane transport proteins and causes irreversible damage to the DNA and protein structure. Metabolic and reproductive functions halt and the organism dies.

Silver ions are attracted to sulfur-containing thiol groups in metabolic and structural proteins bound to the membrane surface. SDC targets these critical proteins and destroys their structure in an extracellular attack. Disruption of the organism's membrane function and integrity lyses the membrane and the organism dies.



The Responsible Solution

Protect Employees, Patients and Visitors

Use of disinfectants is an important component of infection control practices, but occupational exposures (including bystanders) can cause adverse health effects including occupational illnesses (e.g., occupational asthma).

Active antimicrobial ingredients in disinfectants responsible for occupational illnesses include alcohol, quaternary ammonium chlorides (QAC or QUATS), glutaraldehyde and sodium hypochlorite (bleach).

Responsible facilities environmental management includes reducing employee occupational exposures to sensitizers and irritants in the work environment.

PRODUCT CRITERIA	<i>PURE Hard Surface</i>	COMPETITOR PRODUCTS			
SIGNAL WORD	None	Caution	Caution	Caution	Caution
HMIS	0,0,0	2,0,1	2,0,0	1,2,0	0,0,0
CHEMISTRY	SDC	Sodium Hypochlorite	Quat	Quat, Isopropanol	Hydrogen Peroxide
GRAS ¹	Yes²	No	No	No	No
DILUTION ³	RTU	RTU	RTU	RTU	RTU
VIRAL KILL TIME	30 sec - 1 min	1 min	3 min	2 min	1 min
BACTERIAL KILL TIME	30 sec - 2 min	1 min	3 min	3 min	1 min
FUNGAL KILL TIME	5 min	1 min	3 min	3 min	10 min
FOOD CONTACT SURFACE SANITIZER	Yes	No	No	No	No
RESIDUAL EFFICACY	Up to 24 Hours	None	None	None	None
HAZARDS	None	Do not use with ammonia or acids. Eye Irritant. Corrosive. PPE	Moderate Eye Irritation. PPE	Harmful if exposed to skin or eyes. Combustible. PPE	No PPE, Corrosive on Steel
MEETS OSHA STANDARDS FOR HOSPITAL DISINFECTANT	Yes	Yes	Yes	Yes	Yes

1. Generally Recognized as Safe (GRAS) as a contact biocide; 2. US EPA Exemption from Tolerance 40CFR180.940(a); 3. RTU = Ready to Use



PURE Hard Surface – The Sustainable Advantage

- **Ready to use, non-corrosive hospital disinfectant** formula powered by ionic silver and citric acid
- Formulated for **ease of use in healthcare facilities** with fast kill times, broad spectrum efficacy and residual protection
- Effective against multiple drug resistant organisms (MRSA, VRE, CRKP, NDM-1), **HIV, Hepatitis B, Hepatitis C plus 25 other human pathogens**
- EPA toxicity **Category IV**; does not require a signal word, first aid instructions or precautionary statements on the label
- Odorless and non-irritating formula ideal for use around patients and children
- **Food contact surface sanitizer**; no rinse required
- Contains **no Volatile Organic Compounds** (VOC), bleach, alcohol, ammonia, phosphates, or phenols
- Ingredients **not considered hazardous** by OSHA and none are listed on the California Proposition 65 list
- Manufacturing of PURE Hard Surface results in **no waste by-products**

Use **PURE Hard Surface** as Your Hospital Disinfectant

PURE Hard Surface provides an unparalleled combination of high efficacy and low toxicity with 30-second bacterial and viral kill times and 24-hour residual protection. PURE Hard Surface completely kills resistant pathogens like **MRSA, VRE, CRKP** and **NDM-1** and also effectively eliminates dangerous fungi and viruses including **HIV, Hepatitis B**, Norovirus, Influenza A, Avian Influenza and H1N1. PURE Hard Surface is also registered for use on food contact surfaces and is gentle enough to be used in the presence of patients including children.

Improve employee, patient and visitor health

- Ready to use solution requires no dilution or mixing
- Reduce exposure to toxic chemicals
- Improve indoor air quality and reduce exposure to irritants and allergens

Disinfect environmental and high-touch surfaces

- Broad spectrum solution with fast kill times and 24-hour residual protection
- Effective against drug resistant pathogens
- Safe to use on hospital surfaces

Disinfect crowded areas without displacing patients

- Odorless and non-irritating formula
- Patient rooms, pediatric units, waiting areas, cafeterias
- Play structures, transport wagons, toys

Reach Target Zero goals

- Reduce financial risk associated with HAI
- Comply with public reporting
- Increase public confidence

Sanitize food contact surfaces

- Ready to use solution with no VOCs
- Sanitize with the power of disinfecting
- No rinsing

Protect Capital Equipment

- Non-corrosive formula lengthens equipment lifespan
- Reduce cross contamination
- Assure equipment functionality while lowering replacement costs

Strengthen Infection Control and Sustainability Programs

PURE Hard Surface has been registered by the US Environmental Protection Agency (72977-5-73912).

For more information contact Vobecky Enterprises, Inc.



134 N. Vermont Ave., Glendora CA 91741

Tel: 626.852.5800 Fax: 626.605.5023 Email: service@vobecky.com Web: www.vobecky.com

PURE Bioscience, Inc. develops and markets technology-based bioscience products that provide solutions to numerous global health challenges. PURE's proprietary high efficacy/low toxicity bioscience technologies, including its silver dihydrogen citrate-based antimicrobials, represent innovative advances in diverse markets and lead today's global trend toward industry and consumer use of "green" products while providing competitive advantages in efficacy and safety. Patented SDC is an electrolytically generated source of stabilized ionic silver, which formulates well with other compounds. As a platform technology, SDC is distinguished from competitors in the marketplace because of its superior efficacy, reduced toxicity and the inability of bacteria to form a resistance to it. PURE is headquartered in El Cajon, California (San Diego metropolitan area). Additional information on PURE is available at www.purebio.com.

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Safety Data Sheet

SECTION 1 -- IDENTIFICATION

Product Name: PURE Hard Surface
Issue Date: 01/09/2015
Date Revised: 09/06/2019
Distributed By: PURE Bioscience, Inc.
771 Jamacha Road, #512
El Cajon, CA 92019
Telephone: 619-596-8600
Email: technicalinfo@purebio.com



Recommended Uses: Ready To Use Hard Surface Disinfectant and Food Contact Surface Sanitizer.
In Case of Emergency: Have the product container or label with you when calling a poison control center or doctor. You may contact CHEMTREC 1-800-424-9300 for emergency medical treatment information.

SECTION 2 -- HAZARDS IDENTIFICATION

GHS Classification – Not Classified

Unclassified Hazards: May cause slight eye irritation
Precautionary Statements: Avoid direct skin and eye contact. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

HMIS Rating

Health	0
Flammability	0
Reactivity	0

SECTION 3 -- COMPOSITION / INFORMATION ON INGREDIENTS

Components: The specific chemical identities and exact percentages (concentrations) of composition have been withheld as a trade secret.

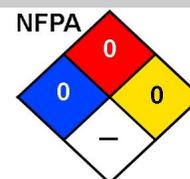
Ingredients are listed for informational purposes to assist emergency medical response personnel.	Wt%
Water (CAS No. 7732-18-5)	> 95
Citric Acid (CAS No. 77-92-9)	< 5.0
Silver Ions	0.0030

SECTION 4 -- FIRST-AID MEASURES

Eye Contact: Hold eyelids open and flush thoroughly with a steady, gentle stream of water for at least 15 minutes. If irritation persists consult a physician.
Skin Contact: Rinse with water. If irritation persists consult a physician.
Inhalation: If breathing is affected, remove victim to fresh air and consult a physician.
Ingestion: If irritation or discomfort occurs, call a physician. DO NOT INDUCE VOMITING.

SECTION 5 -- FIRE-FIGHTING MEASURES

Flammability: Not flammable or combustible.
Flammable Limits: Not applicable.
Extinguishing Media: Not applicable.
Fire and Explosion Hazards: None.



SECTION 6 -- ACCIDENTAL RELEASE MEASURES

Response to Spills: SMALL SPILLS: Contain spill, flush to sanitary sewer, and rinse area with water. LARGE SPILLS: Dike or dam spill, pump to containers or soak up with inert absorbent, and prevent runoff to creeks and waterways. Personal Protective Equipment is not normally required. Avoid contact with eyes.

SECTION 7 -- HANDLING AND STORAGE

Handling Precautions: Close container tightly when not in use.
Storage Precautions: Store in a cool, dry place. Do not contaminate food, feed, or drinking water. Keep from freezing. Keep out of direct sunlight.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

No special protection or precautions have been identified for using this product under directed consumer use conditions. The following recommendations are given for production facilities and for other conditions and situations where there is increased potential for accidental, large-scale or prolonged exposure.

Hygienic Practices: Avoid direct eye and skin contact. If irritation occurs, flush thoroughly with water. When product is applied to a floor surface, signage should be used to indicate slippery areas until they are dry.
Engineering Controls: Use general ventilation to minimize exposure to mist. Eyewash station is suggested.
Personal Protective Equipment: Not normally required. If contact is likely for prolonged or repeated contact, eye and hand protection is recommended.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

AppearanceColorless liquid	Boiling Point Not established
Odor Practically Odorless	Freezing Point Not established
pH 2	Evaporation Rate (Butyl Acetate=1) Not established
Specific Gravity (H₂O=1) Similar to water	Vapor Density (Air=1) Not established
Solubility Water soluble	Vapor Pressure (mmHg) Not established
VOC Content (% Wt.) 0.00% (0.000 lbs/gallon)	

SECTION 10 -- STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Incompatibility:	Not applicable.
Hazardous Decomposition:	None.
Polymerization:	None.
Conditions to Avoid:	Not applicable.

SECTION 11 -- TOXICOLOGICAL INFORMATION

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS, OSHA 29 CFR 1910.1000, SUBPART Z, OR THE IARC MONOGRAPHS.

Acute Oral, Rat LD50>5000 mg/Kg	Epidemiology None Known
Acute Dermal, Rat LD50>5000 mg/Kg	Teratogenicity None Known
Primary Eye IrritationRabbit – Category IV	Neurotoxicity None Known
Primary Eye Irritation Rabbit – Slightly Irritating	Dermal Sensitization Guinea Pigs – Not a contact sensitizer
Subchronic/Chronic Toxicity: Does not contain any recognized carcinogens, mutagens or reproductive toxicants.	

SECTION 12 -- ECOLOGICAL INFORMATION

Ecotoxicity:	None.
Environmental Fate:	Readily degraded. Ionic silver is degraded into inert elemental silver or insoluble silver complexes in the environment.

SECTION 13 -- DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Dispose of in accordance with local, state, and federal regulations.
RCRA Classification:	Non-hazardous.

SECTION 14 -- TRANSPORT INFORMATION

DOT Classification:	Non-hazardous.
Exceptions:	None.
Description:	Not applicable.

SECTION 15 -- REGULATORY INFORMATION

TSCA: TSCA Inventory: All components are listed.
TSCA Health and Safety Reporting List: None of the components are listed.
TSCA Chemical Test Rules: None of the components are listed.
TSCA Section 12b: None of the components are listed.
TSCA Significant New Use Rule: None of the components has a SNUR.

CERCLA: No RQ was assigned to silver compounds. See 50FR13456 (April 4, 1985).

ARA 302/304: None of the components has a RQ or a TPQ.

SARA 311/312: None of the components are reportable.

Clean Air: None of the components are a Hazardous Air Pollutant, Class 1 Ozone Depletor, or Class 2 Ozone Depletor.

Clean Water Act: None of the components are a Hazardous Substance, Priority Pollutant, or Toxic Pollutant.

OSHA: None of the components are considered hazardous.

California Proposition 65: None of the components are listed.

SECTION 16 -- OTHER INFORMATION

ID:	M5141
Issue Date (Rev):	09/06/2019

Revision Summary: Sect. 1.

EPA Approval for COVID-19

- PURE Hard Surface has EPA approval for 30 to 60 second disinfectant efficacy against enveloped and non-enveloped virus including but not limited to: Human Coronavirus, Norovirus, Influenza A, Rhinovirus and more.

- The EPA has added PURE Hard Surface to its list of Sanitizers/Disinfectants that are effective against the Virus COV 19. Here is the list provided by the EPA: <https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>

- The EPA adds products based on the basic registration not the brand or trade name. The basic registration for PURE Hard Surface is SDC3A. These lists work best when you look up the EPA Registration Number. For SDC3A, that is **72977-5**. PURE Hard Surface EPA Reg. No. is **72977-5-73912**.

epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2#filter_col1

My company has a product it would like included on this list.

Note: Inclusion on this list does not constitute an endorsement by EPA. Additional disinfectants may meet the criteria for use against SARS-CoV-2. EPA will update this list with additional products as needed.

List N was last updated on April 23, 2020.

EPA Registration Number

[Other Search Options](#) [Clear](#)

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List N: Products with Emerging Viral Pathogens AND Human Coronavirus claims for use against SARS-CoV-2

EPA Registration Number	Product Name	Follow the disinfection directions and preparation for the following virus	Contact Time (in minutes)	Use Site
72977-5	Sdc3a	Human coronavirus	1	Healthcare; Institutional; Residential

Showing 1 to 1 of 1 entries (filtered from 392 total entries) [Previous](#) [Next](#)

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