



**DECON**

# Brand Introduction

July 2023

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“After more than 20 years experience in the cleaning industry I have become increasingly aware of the necessity for safer products, better equipment and tighter protocols. It's the reason I created Aseptic Health and why I am developing Certified Clinically Clean<sup>®</sup>, a movement that will impact every industry for the good of humankind. ”

Autumn Ryan, Founder and CEO, Aseptic Health



## Parent Company



**aseptic**  
NEW CLEAN MORE LIFE™

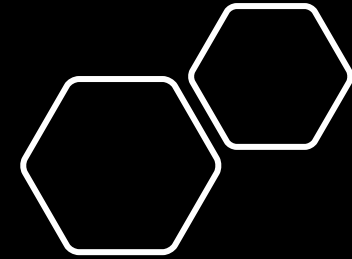
## New to the World Brands





**DECON**

<https://soritedecon.com/>

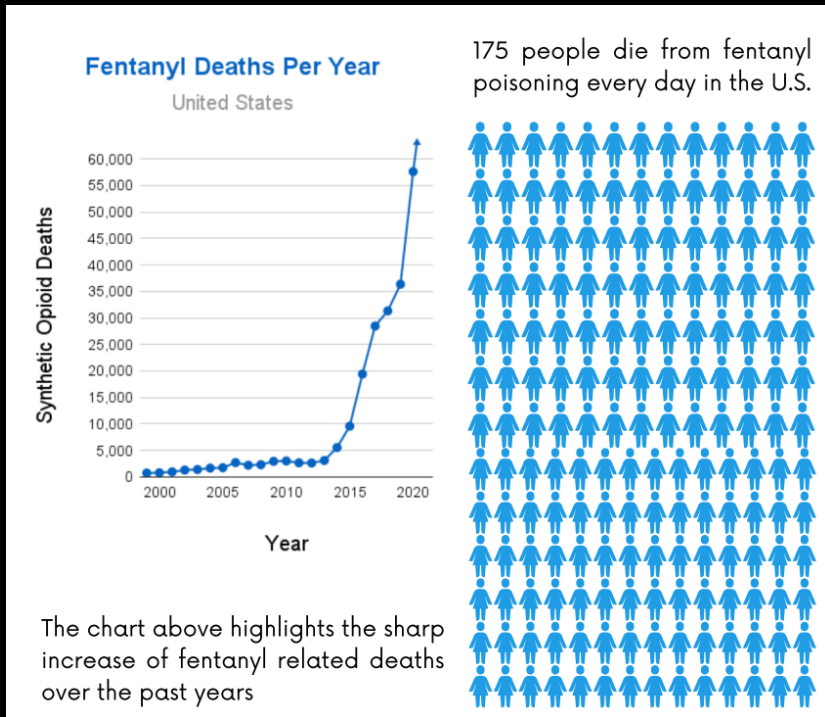




# Fentanyl

## The Largest Killer of Americans 18 – 45 Years Old

**Fentanyl killed 1 person every 9 minutes in the USA in 2021**



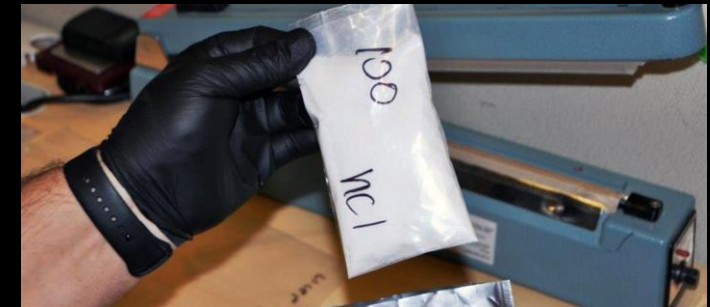
**DEA seized over 379 million deadly doses of Fentanyl in 2022**

### Fentanyl Pills Seized



**Over 50,600,000**

### Fentanyl Powder Seized



**Over 10,800 lbs**

**These fentanyl seizures represent more than 379 million deadly doses\***

# Xylazine “Zombie Drug” / “Tranq”

23% of Fentanyl Powder & 7% of Fentanyl Pills contained Xylazine

DEA released an Emergency Public Safety Alert in March 2023 for the mixture of Fentanyl/Xylazine



**PUBLIC SAFETY ALERT**

DEA seized over 45 million deadly doses of combo Fentanyl/Xylazine in 2022

Fentanyl/Xylazine Pills



Over 3,542,000

Fentanyl/Xylazine Powder



Over 2,484 lbs

# Eradication Time Makes a Difference



Most decontaminants state on their label that a treated surface/substance needs to remain in contact for 10 - 30 MINUTES to get the desired decontamination

**When is the last time you had 10 – 30 MINUTES to decontaminate in an emergency situation?**



# NEW DECONTAMINATION TECHNOLOGY

**Eradicates Fentanyl, Xylazine and  
Heroin in 60 Seconds**





Patents Pending

## HOW IT WORKS

SoRite® DECON is a potent oxidizing agent that destroys organic compounds. That's because it works differently at the molecular level.

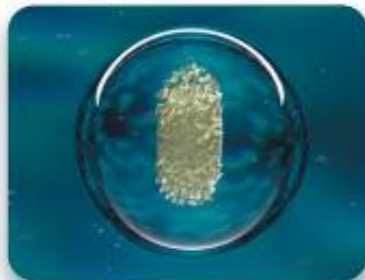
### DECONTAMINATES AT THE MICROSCOPIC LEVEL

The effectiveness of SoRite DECON stems from the potent oxidizing ability of Sodium Chlorite, the primary active ingredient, as well as an effective proprietary blend of other ingredients that comprises the rest of the formula. Decontaminants rely on oxidizing agents to degrade opioids, such as fentanyl or heroin. The oxidizing agent in SoRite DECON is much more potent than the oxidizing agents that other decontaminant products use.

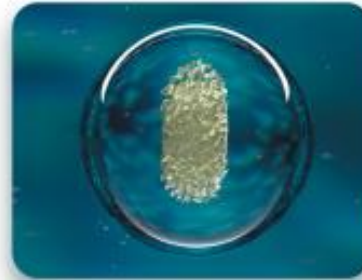
Our proprietary and patented formula, highlighted by Sodium Chlorite, oxidizes and destroys fentanyl and heroin. A number of chemical groups in fentanyl and heroin, especially the carbon linked nitrogens, are highly susceptible to oxidation which cleaves and destroys fentanyl and heroin at those locations.



*SoRite DECON* encapsulates the opioid. *SoRite* contains the active ingredient Sodium Chlorite.



The opioid begins degrading in *SoRite*. Sodium Chlorite rapidly breaks down the opioid.



The opioid is destroyed.

**SoRite DECON**  
= FASTER  
DECONTAMINATE TIME

### SoRite® DECON NEW DECONTAMINANT TECHNOLOGY

*SoRite DECON* is the first to use Sodium Chlorite in such low concentrations —achieving the lowest toxicity category – yet the fastest degradation times, making it a superior decontaminant. It's this technology that allows *SoRite DECON* to be so effective and still safe to use without protective equipment. There truly is no comparison when it comes to decontaminants.



# SoRite® DECON Technology – Patent Pending

## Active Ingredients

- ✓ 0.584% Sodium Chlorite
- ✓ 0.329% n-alkyl dimethyl benzyl ammonium chloride C14C16C12C18
- ✓ 0.329% n-alkyl dimethyl ethylbenzyl ammonium chloride C12C14
- ✓ 98.758% Other Ingredients

## Shelf Life

- ✓ 1-Year (2-Year Stability Underway)

## Forced Degradation of Narcotics

- ✓ Decontaminant
- ✓ Industrial Cleaner
- ✓ Degreaser
- ✓ Heavy Duty Odor Eliminator



## The Safe Choice

- ✓ Non-corrosive
- ✓ Non-reactive
- ✓ Non-caustic
- ✓ No Chlorine or Alcohol
- ✓ No Fragrance
- ✓ No Residue
- ✓ pH 9.2, Safe & Effective
- ✓ Rated as EPA Toxicity Category 4 on Skin Irritation, Ingestion and Inhalation – Same as Water



# SoRite<sup>®</sup> DECON Lab Results

## Fentanyl, Xylazine & Heroin Results Tested at 3 Separate Independent Laboratories

### DEGRADES NARCOTICS IN 60 SECONDS!

For the effectiveness testing, samples of fentanyl and heroin were treated with **SoRite DECON** at room temperature. The treated samples and reference materials (fentanyl and heroin) were analyzed by <sup>1</sup>H nuclear magnetic resonance (NMR) to determine whether the treatment was effective in degrading fentanyl and heroin.

#### Scientific Analysis

The <sup>1</sup>H NMR spectra of fentanyl and heroin treated with **SoRite DECON** Decon were compared to reference <sup>1</sup>H NMR spectra of fentanyl and heroin. Key characteristic peaks in the <sup>1</sup>H NMR spectra of fentanyl and heroin either shifted or disappeared indicating that the opioids were destroyed. The carbon-linked nitrogen rings in fentanyl and heroin proved to be highly susceptible to degradation.

#### Conclusion

The <sup>1</sup>H NMR analysis on fentanyl and heroin treated with **SoRite DECON** showed that fentanyl and heroin are degraded by treatment of **SoRite DECON** after one-minute incubation.

### Follow NIOSH approved operating procedures for removal of substances.

See <https://www.cdc.gov/niosh/topics/fentanyl/risk.html>

## Lab Material Compatibility Tests Performed & Passed

- |                       |              |
|-----------------------|--------------|
| ✓ HDPE                | ✓ Fiberglass |
| ✓ PVC                 | ✓ Chrome     |
| ✓ Vinyl               | ✓ Quartz     |
| ✓ Stainless Steel 316 | ✓ Rubber     |
| ✓ Stainless Steel 304 |              |

## Temperature Thresholds

32° to 128° Fahrenheit

\*If needed, 1H NMR or LC/MS analysis can be used to identify the remnants of fentanyl, or the illicit compound being eradicated, after the treatment of SoRite DECON, however, to ensure Law Enforcement the best possible case in a court of law, the below is recommended:

- 1.Any environment where fentanyl, heroin or other illicit drug(s) are suspected to be present, the officer/responder should first remove a small sample for evidence that the substance was present
- 2.Spray the affected area with sufficient SoRite DECON such that the suspected substance is completely immersed and solubilized
- 3.Wait 60 seconds for SoRite DECON to destroy the compound – then wipe up the liquids and dispose of it properly

\*All Testing completed at 3<sup>rd</sup> Party FDA & DEA Registered Laboratory

# Available Forms

Coming Summer of 2023

## Liquid



10ml Pen, 32oz, 1 Gallon, 5 Gallon,  
55 Gallon, 270 Gallon, 330 Gallon

## Ready-To-Go Kits



2x32oz + Narcan + PPE  
**\*Berry Amendment Approved\***

## Bag-On-Valve Cans



2oz, 8oz, 14oz

## DECON Wipes



25ct Pouch, 25ct Cannister

# Future Opportunities

## Applications

### Mass Disposal

- Incineration is too costly & includes environmental concerns
- Proper environmentally approved methods are too costly
- Millions of active pills are being warehoused throughout the US

### Discreet Disposal

Bags for Individual Use

- Quick on scene disposal (Law Enforcement or Civilian Use)
- Discreet method to dispose correctly if drug tests positive
- Includes powder formula – user only needs to add water

### HVAC

Filters

- Used when powder becomes airborne
- Used proactively to ensure particles are captured without contaminating multiple rooms throughout a building





# Future Opportunities

## Markets – On Site Protection

### Education

Middle/High Schools & Universities

- College & University Fraternities/Sororities and Health Clinics
- Middle & High School Administration and Counselors
- Millions of active pills are being warehoused throughout the US

### Public Transportation

Public & Private

- Public mass transit
- Air, rail, auto
- Delivery services (USPS, UPS, FedEx)

### Hospitality / Restaurants

- Hotels, AirBnB's, Casinos
- Grocery Stores, Retail Stores, Restaurants
- Entertainment venues



# Application & Usage

## Application

Liquid Can Be:

- Sprayed
- Fogged
- Wiped

## Usage

Examples:

- Spray/fog powdered narcotics
- Wipe powder residue
- Decontaminate money by submerging and running through an agitator
- Decontaminating/Deodorizing holding room(s) & automobiles



# Registrations & Certifications

**EPA  
Environmental  
Protection Agency**



***EPA Reg No. 91603-3***

***Approved/Verified Q3  
2022***

**FDA  
Food & Drug  
Administration**



***Received No-Objection  
Letter (NOL) on  
environmental  
assessment***

**The Carpet and Rug  
Institute**



***Carpet Industry's only  
scientific program to  
test and measure the  
effectiveness of  
cleaning products and  
equipment***

**Earth Kosher**



***Kosher Certified***

**WBENC  
Women's Business  
Enterprise National  
Council**



***51%+ owned,  
controlled, operated  
and managed by  
women***

**Note – Decontaminants are not  
regulated by the EPA or FDA**



***Proudly Made in Tennessee, Texas, Ohio, Pennsylvania and California***



# Opioid Decontaminant Category



Brand	SoRite DECON	Dahlgren Decon	Decon7
EPA Toxicity Category	3 – 4	2 – 4	2 – 4
Non-Corrosive, Safe for Gear	Yes	Yes	No
Safe on Skin	Yes	No	No
One-Step Action Ready To Use	Yes	No	No
Expires After 1 Use	No	Yes	Yes
Eradicates Fentanyl in 60 Seconds	Yes	No	No


\*Above input based on publicly available info and SDS sheets

# SoRite DECON Website

Additional Technical and Marketing Information Available

<https://www.SoRiteDECON.com>

New Disinfectant Technology that Eradicates Fentanyl in 60 Seconds

Login / Register  



Shop

About

Resources

Fentanyl Info

FAQ

Become A Distributor

Contact Us

Search products...



## NEW MILITARY GRADE DECONTAMINANT

Eradicates Fentanyl & Xylazine in 60 Seconds

HEAVY-DUTY  
ODOR ELIMINATOR

BIOSECURITY  
TECHNOLOGY

Get It Now

**PATENT PENDING**







# Know the Difference

## Cleaning

### REMOVES

**SOIL** from a surface but  
*does not kill* any organisms.



## Sanitizing

### REDUCES

the number of **BACTERIA** in  
the environment, significantly.



## Disinfecting

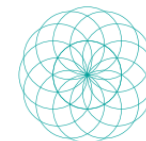
### DESTROYS

or irreversibly inactivates  
**BACTERIA AND VIRUSES.\***



Sanitizers and disinfectants are regulated by the U.S. Environmental Protection Agency (EPA) and are used to manage public health risks. It is a violation of Federal law to use these products in a manner inconsistent with labeling.

\*See product label for specific organism claims



**aseptic**  
NEW CLEAN MORE LIFE™

# Kill Times Make a Difference



Most disinfectants clearly state on their label that a treated surface needs to remain visibly wet for 4 - 10 MINUTES to get the desired disinfecting benefit

**When is the last time you had 4 – 10 MINUTES to disinfect an area?**

\*\*\*Kill times matter to get the desired disinfecting benefit\*\*\*



# NEW DISINFECTING TECHNOLOGY

Kills COVID-19\*\*, MRSA, Strep, Listeria, E. coli, Acinetobacter baumannii in 15 seconds



\*\*SARS-CoV-2 Virus

# SoRite® Technology – Patent Pending

## Active Ingredients

- 0.584% Sodium Chlorite
- 0.329% n-alkyl dimethyl benzyl ammonium chloride C14C16C12C18
- 0.329% n-alkyl dimethyl ethylbenzyl ammonium chloride C12C14
- 98.758% Other Ingredients

## Versatile Solution

- ✓ Hospital Disinfectant
- ✓ Hard Surface Sanitizer
- ✓ Soft Surface Sanitizer
- ✓ Multi-Purpose Cleaner
- ✓ Degreaser
- ✓ Heavy Duty Odor Eliminator
- ✓ Mold Remover
- ✓ Fungus Killer
- ✓ Allergen Eliminator

## The Safe Choice

- ✓ Non-corrosive
- ✓ Non-reactive
- ✓ Non-caustic
- ✓ No Chlorine or Alcohol
- ✓ No Fragrance
- ✓ No Residue
- ✓ pH 9.2, Safe & Effective
- ✓ Rated as EPA Toxicity Category 4 on Skin Irritation, Ingestion and Inhalation – Same as Water





# SoRite Kill List on Master Label

Current Claimed Kill List All Passed at 3<sup>rd</sup> Party Independent Certified GLP Labs

<b>Soft Surface Sanitizer</b>	5 min contact time	<i>Klebsiella aerogenes, Staphylococcus aureus</i>
<b>Non-Food Contact Sanitizer</b>	30 sec. contact time (Spray/Wipe/Towelette*)	<i>Klebsiella aerogenes, Staphylococcus aureus</i>
<b>Hard Surface Sanitizer</b>	30 sec. contact time	<i>Staphylococcus aureus, Escherichia coli, Listeria monocytogenes</i>
<b>Fungistat/Mold</b>	Spray	<i>Aspergillus niger</i>
	10 min. contact time (Spray/Wipe/Towelette*)	<i>Trichophyton interdigitale</i>
<b>Disinfection Bacteria</b>	15 sec. contact time (Spray/ Wipe/Towelette*)	<i>Methicillin resistant Staphylococcus aureus (MRSA), Escherichia coli, Listeria monocytogenes, Streptococcus pneumoniae</i>
	60 sec. contact time (Spray/Wipe/Towelette*)	<i>Pseudomonas Aeruginosa, Staphylococcus aureus, Carbapenem-resistant Enterobacteriaceae (CRE), Vancomycin-resistant Enterococcus faecium (VRE), Salmonella enterica, Klebsiella pneumoniae</i>
	60 sec. contact time (Spray/Wipe/Towelette*)	<i>Pseudomonas Aeruginosa, Staphylococcus aureus, Salmonella enterica</i>
<b>Disinfection Virus</b>	15 sec. contact time (Spray/ Wipe/Towelette*)	SARS-CoV-2, Acinetobacter baumannii
	60 sec. contact time (Spray/Wipe/Towelette*)	Hepatitis B virus, Hepatitis C virus, Respiratory syncytial virus (RSV), Human immunodeficiency virus (HIV Type 1), Swine influenza (H1N1), Influenza Swine Flu B virus, Herpes Simplex 2
	10 min. contact time (Spray/Wipe/Towelette*)	Murine Norovirus

## Notes

- All kill times above are Spray Tests
- All kill times above are based on liquid formula, except as noted as Wipe/Towelette
- \*Will be included on second EPA Registration Submission

# Lab Material Compatibility Tests Performed

## Tests Performed & Passed

- ✓ HDPE
- ✓ PVC
- ✓ Vinyl
- ✓ Stainless Steel 316
- ✓ Stainless Steel 304
- ✓ Fiberglass
- ✓ Chrome
- ✓ Quartz
- ✓ Rubber

\*All Testing completed at 3<sup>rd</sup> Party Independent & Certified GLP Labs

# Key Claim Space

## Cleaning Claims

- Mold Remover
- Heavy Duty Odor Eliminator
- Degreaser
- Glass Cleaner
- Stainless Steel Cleaner
- Allergen Eliminator
- Multi-Purpose Cleaner
- No Residue

## Disinfecting Claims

- Kills SARS-CoV-2 in 15 Seconds @ 99.999%
- Kills *MRSA*, *Staphylococcus aureus*, *Escherichia coli*, *Listeria monocytogenes*, *Salmonella enterica*, *Streptococcus pneumoniae* in 15 Seconds
- Kills 12 additional viruses and bacteria @ 99.999% in 60 seconds
- Emerging Viral Pathogen (EVP) Claim

## Sanitizing Claims

- Non-Food Contact Sanitizer in 30 seconds on Bacteria
- Hard Surface Sanitizer
- Soft Surface Sanitizer

## Does Not Contain Claims

Parabens, Phosphates, Harsh Abrasives, Sulfates, Phthalates, Mineral Oil, Synthetic Dyes, Artificial/Synthetic Fragrance (Fumes), SLS, MEA, DEA, TEA, VOC's

## Safety Claims

- Non-Corrosive
- Non-Caustic
- Non-Flammable
- Non-Reactive
- No Chlorine
- No Fragrance
- pH 9.2
- No gloves, masks or special disinfecting garments required
- EPA Toxicity Category 4 on Skin Irritation, Ingestion and Inhalation – Same as water

# Registrations & Certifications

**EPA**

**Environmental  
Protection Agency**



***EPA Reg No. 91603-3***

***Approved August 2022***

*All States Registered Except  
California, Maine, South Dakota  
(All have been submitted –  
Currently Awaiting Approval)*

**FDA**

**Food & Drug  
Administration**



***Received No-Objection  
Letter (NOL) on  
environmental  
assessment – Future  
development in  
progress for food  
application***

**The Carpet and Rug  
Institute**



***Carpet Industry's only  
scientific program to  
test and measure the  
effectiveness of  
cleaning products and  
equipment***

**Earth Kosher**



***Kosher Certified***

**WBENC**

**Women's Business  
Enterprise National  
Council**



***51%+ owned,  
controlled, operated  
and managed by  
women***



***Proudly Made in Tennessee, Texas, Ohio, Pennsylvania and California***



# Available Forms

Coming in Late 2023

## Liquid



## Bag-On-Valve Cans



## Disinfecting Wipes



## Powder Concentrate







# Head to Head

## *Technology Comparison Example*

# Professional – Multi-Purpose Disinfectant



Brand	SoRite	Comet	Betco	EcoLab	Diversey Virex
EPA Toxicity Category	3 – 4**	1 – 2	2 – 3	2 – 3	2 – 3
pH Level	9.2	12.6 – 13.4	2.0 – 2.3	1.0 – 2.0	12.13
Rinse Required	No	Yes	Yes	Yes	Yes
Virus Kill Time on Label	15 – 60 Seconds	10 Minutes	3 – 5 Minutes	3 – 5 Minutes	3 – 5 Minutes
Bacteria Kill Time on Label	15 Seconds	10 Minutes	3 – 5 Minutes	3 – 5 Minutes	3 – 5 Minutes
Kills SARS Cov-2 in less than 15 seconds	Yes	No	No	Yes	No

\*Above input based on publicly available info and SDS sheets

\*\*Rated as EPA Toxicity Category 4 on Skin Irritation, Ingestion and Inhalation – Same as Water

# Aseptic Health Website

Additional Technical and Marketing Information Available

<https://www.aseptichealth.com>

