

A large, translucent, light blue hexagonal shape is centered in the background, with several smaller, similar shapes connected to it by thin lines, creating a network-like structure that resembles a microscopic or molecular model.

SoRite[®] Is So Right Because It's Different At The Microscopic Level

Safe, Fast Cleaning & Disinfecting

The Sodium Chlorite Difference

The effectiveness of SoRite® stems from the fact that it can rapidly penetrate the cell walls of microorganisms, disrupt proteins and nucleic acids, thus killing the microorganisms. SoRite gets its potent oxidizing ability from Sodium Chlorite, the primary active ingredient, as well as an effective proprietary blend of other ingredients that comprises the rest of the formula. Sodium Chlorite (NaClO_2) has been used since the 1920s for safe disinfection and purification of water. Today its safe use is widespread across many industries from water to pulp and paper manufacturing to medical applications.

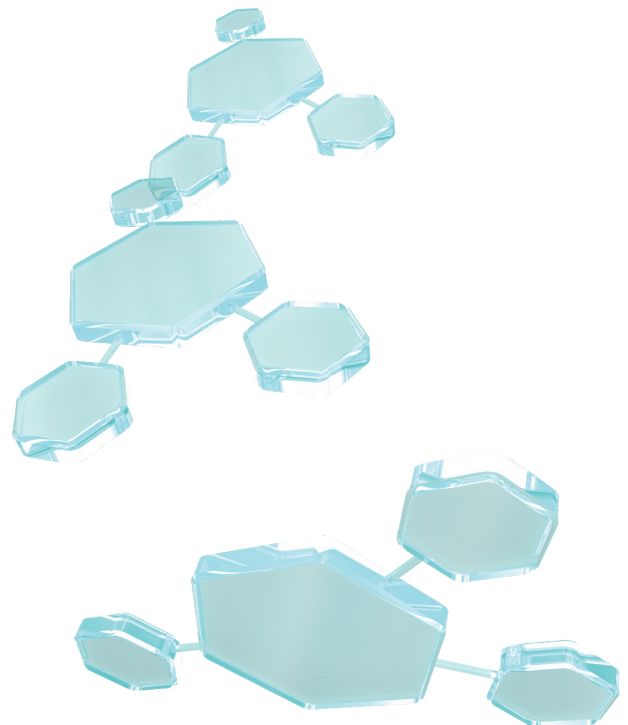
Sodium Chlorite as a Disinfectant

While it has the prefix “chlor” in its name, Sodium Chlorite’s chemistry is radically different from chlorine bleach or Sodium Hypochlorite (NaClO), which has been used in disinfecting since its discovery in 1789.

Sodium Chlorite has one sodium atom, one chlorine atom and two oxygen atoms. This combination creates a molecular-free radical, a magnetic like attractant that seeks out electron donors and selectively oxidizes harmful bacteria, viruses and mold.

Similar to Chlorine Dioxide, Sodium Chlorite is able to kill bacteria, viruses and mold, because while these microorganisms are vastly different, the composition is similar. All microorganisms contain proteins, which are composed of amino acids, and nucleic acids (DNA and RNA) that are essential for their growth and survival.

Sodium Chlorite kills microorganisms by penetrating their membranes and oxidizing key proteins and nucleic acids (DNA and RNA) that are crucial for the survival of the microorganisms. Without key proteins and nucleic acids that are destroyed by oxidation due to the action of Sodium Chlorite, the microorganisms are rapidly killed.



SoRite® Is PATENTED



SoRite is the first to use Sodium Chlorite in such low concentrations—achieving the lowest toxicity category by the EPA for skin irritation, inhalation and ingestion,—yet the fastest kill time, making it a superior antimicrobial agent. Before breaking down the product, it's useful to have more background:

What is a kill time?

- “Kill time” is the amount of time a product MUST SIT on a surface and remain visibly wet before it disinfects as promised. Kill times are often referred to as dwell time or contact time. All three things mean the same thing. If a product is applied, and then either dries, or is wiped away before the kill time listed on the product label, the product will not provide the advertised benefit and is not guaranteed to be effective.

Who Has Time to Wait 4 – 10 minutes?

- Most disinfectants on the market have extremely long kill times. Usually kill times range between 4 and 10 minutes. For example, if you look at the back of a bleach label, it states you need to “allow the solution to contact the surface for at least 10 minutes.” When is the last time you waited 10 minutes to apply a disinfectant before wiping and rinsing the surface? If you're like most, the answer is never.

Aseptic Health & Autumn



The number one question our founder and CEO is asked: “how did Aseptic Health, a small company, create this technology that is going to change the industry?”
Autumn Ryan's answer?

“A passion to change poor cleaning practices, Divine inspiration and the gift of a team with the belief that change will happen.”

Aseptic Health was founded by Ryan in 2015 with a vision to change poor practices in the cleaning industry. Having started her own janitorial business the day after she graduated college, she was witness to other industry technicians and cleaning crews putting lives at risk by misusing toxic chemicals, not following label directions, and not cleaning properly.

“It takes a janitor to know a janitor,” is Ryan's philosophy. Not settling, or being satisfied with current solutions in the industry, she began searching for the chemist who could help turn her dream into a reality. Through a meticulous search across the globe, as divine intervention would have it, she found the perfect match in her own back door.

SoRite, with Sodium Chlorite as the key active ingredient is a new disinfecting technology with patents pending. It is the first true change in the industry in decades

**SoRite Sanitizing and Disinfecting tests completed at 3rd Party
Independent Certified GLP Labs.**

**Soft Surface Sanitizer
5 min. contact**

Klebsiella aerogenes ATCC 13048
Staphylococcus aureus ATCC 6538

**Hard Surface Sanitizer
30 sec. contact**

Klebsiella aerogenes ATCC 13048
Staphylococcus aureus ATCC 6538

**Non Food Contact Sanitizer
30 sec. contact**

Staphylococcus aureus ATCC 6538
Klebsiella aerogenes ATCC 13048

Fungistat | 10 min. contact

Trichophyton interdigitale ATCC 9533

**Broad Spectrum Hospital Disinfectant
(Use Dilution Method) | 10 min. contact**

Pseudomonas aeruginosa ATCC 15442
Salmonella enterica ATCC 10708
Staphylococcus aureus ATCC 6538

Disinfection Bacteria | 15 sec. contact

Methicillin resistant Staphylococcus aureus (MRSA) ATCC 33591
Escherichia coli ATCC 11229
Listeria monocytogenes ATCC 19111
Streptococcus pneumoniae ATCC 51936

Disinfection Bacteria | 60 sec. contact

Pseudomonas aeruginosa ATCC 15442
Staphylococcus aureus ATCC 6538
Vancomycin-resistant Enterococcus faecium ATCC 51559
Carbapenem-resistant Escherichia coli ATCC BAA-2471
Klebsiella pneumoniae ATCC 4352

**Disinfection Virus
15 sec. contact**

SARS - CoV-2 (Covid-19) Virus ATCC CRL 1586

**Disinfection Virus
60 sec. contact**

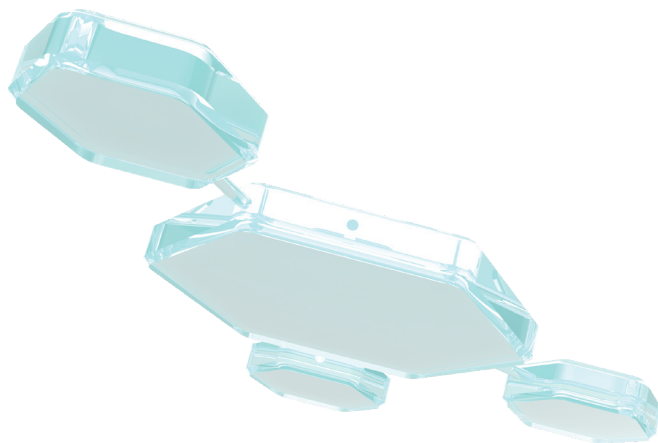
Hepatitis B virus
Hepatitis C virus, ATCC CCL-22
Swine Influenza A Virus, ATCC VR-99
Influenza B Virus, ATCC CCL-34
Respiratory Syncytial Virus, ATCC VR-26
HIV Type 1

**Disinfection Virus
10 min. contact**

Murine Norovirus, Strain: MNV-G, Source: Yale University

**Mildewstat (Fungi) | Full Strength | 5 min. contact
Tests Performed at MTSU**

Aspergillus niger
Stachybotrys chartarum
Aspergillus fumigatus
Alternaria alternata
Penicillium sp



SoRite® TOXICITY RATINGS & SAFETY

EPA Toxicity Classification

The EPA has established 4 categories for acute hazards and toxicity of disinfectant products.

Toxicity Class 1: This is the most toxic rating. The label of a Class 1 product requires the signal word – “**Danger – Poison**” with a skull and crossbones symbol. This may be followed by other phrases including:

- “Poisonous if inhaled,”
- “Extremely hazardous by skin contact – rapidly absorbed through the skin” or
- “Corrosive – causes eye damage and severe skin burns”

Class 1 materials are considered to be fatal to an adult human at a dose of less than 5 grams (less than a teaspoon).

Toxicity Class 2: Class 2 products are moderately toxic. The signal word is “Warning,” possibly followed by:

- “Harmful or fatal if swallowed,”
- “Harmful or fatal if absorbed through the skin,”
- “Harmful or fatal if inhaled,” or
- “Causes skin and eye irritation”

Class 2 materials are estimated to be fatal to an adult human at a dose of 5 to 30 grams.

Toxicity Class 3: This rating is given to products that are slightly toxic. The signal word in this case is “Caution,” possibly followed by:

- “Harmful if swallowed,”
- “May be harmful if absorbed through the skin,”
- “May be harmful if inhaled,” or
- “May irritate eyes, nose, throat and skin.”

Class 3 materials are estimated to be fatal to an adult human at a dose in excess of 30 grams.

Toxicity Class 4: Class 4 products are practically non-toxic. Water is included in this class. Class 4 may or may not require a signal word. If required, the signal word is CAUTION. This class must also read “KEEP OUT OF REACH OF CHILDREN.”

- Note: This is the same class rating as water.

Signal Words

Depending on the toxicity level of the product as determined by the acute toxicity review, the EPA assigns the label one of three “signal” words. The lowest category of cleaning product toxicity will simply have the word CAUTION on the label. Higher categories of toxicity will have WARNING or DANGER on the label. All labels must read KEEP OUT OF REACH OF CHILDREN on the front of the label regardless of toxicity category.

SoRite Puts Safety First

The EPA has classified SoRite as a Class or Level 4 for skin irritation, ingestion and inhalation – which is the same rating as water.

In fact, SoRite measured as a Level 4 across all measures except eye irritation. For eye irritation, SoRite is rated at a Level 3. SoRite contains Sodium Chlorite, which is a sodium salt. If you’ve ever gotten ocean water in your eyes, you’ve experienced the same type of irritation.

Because of these low toxicity ratings, you are not required to use heavy duty PPE like safety gloves, protective masks or special garments when applying SoRite. Appropriate eyewear is recommended.

- SoRite’s formula is extremely friendly to the environment.
- Non-Corrosive
- Non-Flammable
- Non-Caustic
- Non-Reactive
- No Chlorine
- No Fragrance
- Leaves No Residue Behind
- SoRite has a pH of 9.2 which is low on the alkalinity scale

SoRite® Is So Right For Cleaning

SoRite’s formula does not contain:

Parabens, Phosphates, Harsh Abrasives, Sulfates,
Phthalates, Mineral Oil, Synthetic Dyes,
Artificial Fragrance (Fumes), SLS, MEA, DEA, TEA,
VOC’s, Chlorine Bleach, Synthetic Fragrances

SoRite can safely be used around plants, pets,
kids and elderly people in your home with total confidence.

See next page for how SoRite compares with bleach.

SoRite® Versus Bleach*

	SoRite® Sodium Chlorite	Bleach (Sodium Hypochlorite)
% Viruses & Bacteria Killed	99.9%	99.9%
Kill Time	15 seconds	10 minutes
Signal Word Required	Caution	Warning
2nd step rinse with water?	No	Yes
Safety equipment suggested?	Appropriate eyewear	Wear safety glasses/rubber gloves
Harmful if swallowed, inhaled or absorbed through skin?	No	Yes
Need area to be well-ventilated?	No	Yes
Causes irreversible damage/burns to skin?	No	Yes
pH	pH 9.2	pH 12 (strong base)
Strong Odor	No	Yes
Multi-purpose use? (Hard and Soft Surface Sanitizer, Multi-purpose Cleaner, Odor Eliminator, Mildewstat, Fungicide, Allergen Remover)	Yes	No

* Based on label from top value brand of bleach

