

BLUE CAN NEWSLETTER



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RECENT NEWS

The world sees the importance of long term shelf life emergency water.

Blue Can has expanded to International Markets!

Blue Can is now being distributed in Canada, Europe, UAE Middle East, the Far East (Singapore) as well as Japan.



The 50 Year Shelf Life Water

WATER EDUCATION:

This Month's Focus: BACTERIA & WATER

Q: Why are bacteria an issue?

Contamination is an issue with any long term water storage. Bacteria is just one form of water contamination. There are several bacteria's that bottled water manufacturers test for. Coli form/E-Coli being the most harmful bacteria and general bacteria referred to by their specific test, HPC (Heterotrophic Plate Count). General bacteria includes both good and bad bacteria.

“HPC are naturally occurring. In general, HPC organisms serve to prevent the growth of opportunistic pathogens because they have the strength to help overcome harmful bacteria and pathogens that may pose a health threat. There has never been a documented illness associated with HPC organisms.”

Q: What types of bacteria does Blue Can test for?

A: Blue Can is required by the FDA and the California Department of Health to test weekly for Coli form and E-Coli. Additionally Blue Can tests daily in house with HPC (Heterotrophic Plate Count) tests for naturally occurring non-harmful bacteria as well as monthly at a FDA certified lab.

Q: What methodology does Blue Can use to remove harmful bacteria?

A: Blue Can utilizes several methodologies in series to achieve the most effective Disinfection and Sterilization available.

1. Reverse Osmosis- 99% removal of bacteria
2. UltraViolet Light- 99.99% Germicide Efficiency of Log 4
3. Ozone Saturation - 99.9999% Germicide Efficiency of Log 6
4. Cationic Electron - 99.9999% Germicide Efficiency of Log 6

Blue Can utilizes multiple disinfection and sterilization processes **in series** with a reduction rate of Log 6 which is a 99.9999% reduction of bacteria and viruses.



The 50 Year Shelf Life Water

Contact Us

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PRODUCT EDUCATION:

Q. How does Blue Can achieve a 50 Year Shelf Life?

Blue Can is one of the few emergency water products that utilizes a true hermetic seal to protect the water from UV light, oxygen gases and other contaminants. NO plastic product can achieve a true hermetic seal that can last over time and remain airtight to reduce gas exchange of oxygen, nitrogen or other innocuous gases. If water is exposed to oxygen, light or even dust particles contamination will soon occur. Oxygen is the great oxidizer and it must be removed and kept from water to achieve the conditions for long shelf life.

Q: What is a Hermetic Seal?

A: A Hermetic Seal is any type of sealing that makes a given object **airtight**. Blue Can Water is hermetically sealed to prevent the contamination of our 50 year shelf life water. No oxygen, gases, UV light or bacteria is able to penetrate our Blue Cans. This allows the can to stay pressurized and sealed for years of assurance.

Q. How does an aluminum can hold up over time?

A. According to the FDA water does not have an expiration. It is the packaging that breaks down and expires over time. This is why Blue Can utilizes aluminum cans for storage. Aluminum has shown to be one of the most flexible and durable products to stand the test of time. Aluminum is corrosion resistant making it perfect for interaction with H₂O. Aluminum was chosen as the Apex for the Washington Monument in Washington D.C. in 1884 precisely for its corrosion-resistance abilities.

In 1952 International Packing Corporation in Glendale, California produced an Emergency Water. This water has been tested by laboratory analysis and shown to be sterile to drink after 66 years in storage. These cans were hermetically sealed but were prone to rusting if not properly stored. Aluminum cans will not rust.

