



**pH<sup>3</sup> Ocean Mist** IS NOT A PESTICIDE!

**pH<sup>3</sup> Ocean Mist** is an alternative to using EPA registered toxic pesticides!

**pH<sup>3</sup> Ocean Mist** is an “Advanced Ionic Solution” or AIS, but what are advanced ionic solutions?

Advanced Ionic Solutions (AIS) are also called “Functional Electrolyzed Waters” (FEW). This is a type of water that can perform a specific function. These waters are processed by advanced high amp dual polarity electrochemistry for aquarius solutions. This process is nothing new, as a matter of fact it is one of the 1<sup>st</sup> natural processes ruled by “mother nature”. Mother nature must balance everything, where there is a positive there must be a negative, where there is a hole there must be a mound, where there is a yin there must be a yang and where there is 1 molecule of water there must be 2, 1 acidic ion and 1 basic or alkaline ion, combined they create and maintain the neutrality of water.

Nature’s rule of balance is present in everything. With water it started at the beginning, one molecule was formed and automatically another molecule is formed to balance. The balance is from a proton exchanging from 1 molecule to the other molecule automatically balancing a strong base and strong acid to neutral. This process is called the self-ionization of water and is the 1<sup>st</sup> time dual polarity was created for water. So, anyone who tells you dual polarity electrochemistry is a new process is incorrect, it was the 1<sup>st</sup> process in the universe, created by and specifically for water by mother nature. This pair of molecules is now its own dual polarity electrochemistry reactionary solution.

Self-ionization is weak in power, less than 1mA or 1 milliamp so it is slow reacting. Fast forward to the 1990’s and a new process was introduced, Advanced High Amp (10,000mA) Dual Polarity Electrochemistry for aquarius solutions (water). This process is the advancement of all prior electrochemistry for water.

Heat, Pressure, Single polarity electrochemistry, electromagnetics, vortex implosion and over concentration of electrolytes are all processes used to increase the energy in water or as it is called the Ionic Product of water (IP). They are all missing stability; the next evolution must include stability to stand out as truly amazing.

As in the name Ionic Product, the goal is to increase the products energy ultimately to ionic. What is ionic? Ionic is simply a single particle (ion) single molecule (H<sup>2</sup>O) with a high charge applied (10,000mA) in dual polarity (AC/DC) creating a perfect solution with either 100% acidic content, 100% basic content, or 100% single neutral ion content. 6.45 Ionic Product (IP) is the energy equal to the energy in water heated to 200 degrees when using heat as the energy. The advantage to using electrical charge overheat is when the heat is removed the energy dissipates as the water cools, when using electrical charge the energy remains trapped in the ions contained in the solution, stabilized energy at last.

As an example, the most common applied energy to water everyone understands is heat. When using heat and we bring water to a boil at 200 degrees, we create an ionic product of 6.45, when we use 10,000mA dual polarity to charge water we increase the ionic product to 6.45. Simply put this is a powerful water than can be used for specific functions just as we use heated water for specific functions, hot water is also functional water just used for different purposes. What if you need this same power in an ambient temperature, this is where advanced high amp dual polarity electrochemistry is important.

**pH<sup>3</sup> Ocean Mist** is a specific solution with a specific function. The solution is the “alternative” to registered and exempt pesticides and/or hazardous chemical cleaners.

**pH<sup>3</sup> Ocean Mist** is not recognized as a pesticide and makes no pesticidal claims in any way, shape, or form.

**pH<sup>3</sup> Ocean Mist** is simply three combined ingredients: **Water**, **Salt** & **Electricity** producing a specialized multipurpose solution.

**pH<sup>3</sup> Ocean Mist**, through the process of high amp dual polarity advanced electrochemistry, create a fantastic multi-purpose cleaner. Example: Have you ever cleaned up oil with water? Well now you can! Simply amazing.

Most cleaning solutions are clusters of molecules, a slush on a molecular level. These clusters cannot absorb deep into a porous material because they are far too large, and they have exceptionally low energy. Therefore, they are non-porous surface cleaner/sanitizers at best.

A single microscopic virus particle can be as small as .004 micron in size or smaller! They can fit deep down into a porous material or surfaces where clusters of cleaner/sanitizer components cannot. **pH<sup>3</sup> Ocean Mist** is not a cluster of chemicals, but an "ionic" or single, molecule and single ion. Our ion size is less than .0001 micron. **pH<sup>3</sup> Ocean Mist** can absorb deep into a porous surface than other small particles, and the highly charged single ion can seek out their objective contamination with a highly charged magnetic attraction.

**pH<sup>3</sup> Ocean Mist** is classified as Functional Electrolyzed Water (FEW), this solution does not share any like, kind or quality properties of any known pesticides recognized by the EPA. **pH<sup>3</sup> Ocean Mist** is not a pesticide it is an alternative to pesticides creating an environment of clean. **pH<sup>3</sup> Ocean Mist** is not required by the EPA to register as a pesticide.

### Examples of Claims on Cleaning Products

The following examples indicate where the EPA believes pesticidal claims are or are not being made. This representative list is not intended to be an all-inclusive listing of potential cleaner claims.

### Examples of claims that the EPA considers are Not Pesticidal

Cleaning products with claims such as those described below are generally considered by the EPA to not be intended for a pesticidal purpose. These cleaning products claim to remove dirt or other debris without any linkage to mitigating a pest, its food, food source, or its habitat.

These examples represent claims, or types of claims, for a cleaning product that would not trigger a requirement to register the product under FIFRA.

- Cleans or removes stains.
- Cleans or removes stains from algae, mold, mildew, or other non-public health organisms.
- Cleans or removes dirt, soil, dust, debris, inanimate scum, inanimate nutrients, inanimate organic particulates, or inanimate contaminants.
- Cleans a site (e.g., ponds, aquariums, etc.).
- Prevents, blocks, neutralizes, reduces, eliminates, encapsulates, or removes odors; deodorizes.
- Cleans, reduces, or removes sludge.
- Cleans or removes inanimate scum such as "soap scum."
- Cleans, washes, or prepares the surface for application of a registered disinfectant intended to kill biofilm.
- Combines suspended inanimate particulates for easy removal by a filtration system.
- Cleans away or removes inanimate dust-mite matter, non-living matter, or allergens from non-living sources (e.g., pet dander allergens, cockroach matter allergens, dust mite matter allergens)

**pH<sup>3</sup> Ocean Mist** is stable and storable. This ready-to-use solution should never be mixed with any other ingredients.

**pH<sup>3</sup> Ocean Mist** is compatible with all application methods, although we prefer ultrasonic fogging humidifiers (UFH).

The advantage of using ultrasonic is the ability of the unit to set the ions free in a controlled space. No heat means no evaporation. The ultrasonic sound waves enhance the **pH<sup>3</sup> Ocean Mist** ionic product. The Ultrasonic Fogging (UFH) is the optimized distribution system for **pH<sup>3</sup> Ocean Mist**, but you can use it any way you like.

This solution needs no PPE when applying. There are no respiratory hazards, there are no hazards of any kind that is the point!

**pH<sup>3</sup> Ocean Mist** is a "dry fog" and does not require any wipe down after because there are no toxic residues.

When using **pH<sup>3</sup> Ocean Mist** from a bottle as a cleaner, it is best to wipe it dry. In Ionics, the dirt, grease, and whatever organics you are cleaning up get trapped in the molecule and held by the powerful ion, so "Wipe It Dry" whenever possible. You can use **pH<sup>3</sup> Ocean Mist** as often as you would like but no need to overdo it, if you can see a fog forming in a controlled space you are done fogging, no additional benefits from overuse although no hazards just wasting money.

### **pH<sup>3</sup> Ocean Mist is:**

Neutral Single Ion with 6.45 Ionic Product

Neutral pH typically 7.4 ~ 8.6

Neutral ORP – Oxidation Reduction Potential

Neutral NaCl "table salt"

TDS total dissolved solids from NaCl table salt are less than 5000 ppm

Naturally accruing NaCl neutral organo *Chlorine* species (AFOC) 100 minimum~200ppm max

**pH<sup>3</sup> Ocean Mist** is “Neutral Balanced” on purpose, we took the examples from the Ocean, the maintenance of swimming pools, and the human compatibility to both, created a cleaner to match.

**Water Salt** and **Electricity** the 3 things we can not live with out as these 3 things combined are what balance the world and environment we live in. Water and NaCl salt are the 2 most used FDA food ingredients in the world and the only 2 ingredients in **pH<sup>3</sup> Ocean Mist** so you know its safe.

**pH<sup>3</sup> Ocean Mist as an ultrasonic aerosol cleaner** is just like spending a day at the beach (*80,000 ~ 100,000 ppm TDS from NaCl salts*), or swimming in a salt water-maintained pool (*1,500 ~ 2,000 TDS from NaCl salts*), **pH<sup>3</sup> Ocean Mist** is no different, the TDS is typically less than 5000 ppm from NaCl salts only, not very salty and the salt has already been balanced.

The NaCl salt is already balanced to ionic neutral by the process of high amp dual polarity electrochemistry. Sitting in an ultrasonic aerosol environment does not leave a salty feeling on you like the ocean or a pool because it is neutral ionic, balanced, dry, and very light. You do not even know it is there, but the space will smell fresh, odorless, and clean of aerosol particulate contamination relieving allergy and asthmatic symptoms effected by that “trigger” contamination.

**pH<sup>3</sup> Ocean Mist** is the only current known solution specially formulated for ultrasonic humidifier distribution as an aerosol air cleaner. This is far different than “humidifying” a space. With typical humidification the overall goal is to increase the humidity of the space. When using ultrasonic humidifiers as an aerosol distribution tool the goal is to flood the room with highly charged electrolytes, using the humidification of water molecules as the carriers, the highly charged electrolytes now flood the room. In this process the highly charged electrolytes are the tools which remove the particulate contamination in the air of the space. When applied correctly **pH<sup>3</sup> Ocean Mist** controls the air in the space making it fresh and safe for all. This is a very unique solution and a very unique distribution system, just so happens ultrasonic humidifiers are the perfect distribution for ionic solutions, read more about it in “The Aerosol Effect” document.