



Best in Class Odor Control Solution



FEBRUARY 27, 2014

Remarkably Effective. Surprisingly Simple.

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Who We Are

If you smell something, its not Fresh Wave IAQ

OMI Industries specializes in natural odor control using our proprietary Fresh Wave® IAQ technology

- Our sole focus is odor elimination, and our objective in the process is to achieve “the absence of odor” – we do not clean, and we do not disinfect. We eliminate, rather than covering up, odor.
- Our products are processed in Rising Sun, IN. You'll notice that we do do not use the word manufacture. That's “Mother Nature's” job. We just take what she gives us and process it, so that it can be used to naturally to abate odor.



OMI INDUSTRIES

INDUSTRIAL

Est. 1988



COMMERCIAL

Launch 2009



CONSUMER

Est. 2003



WILLIAMS-SONOMA

(6,000+ Retailers)

Tyson Chicken Rendering Plant

450CFM Vapor Phase Unit *pipng around equalization tanks*



Louis Padnos Sheet Metal Yard

600CFM Vapor Phase Unit
with 8" vapor ducting



Covanta Hennepin Waste Transfer Station

450CFM
with piping around doors



OUR SCIENCE

Industrial odor control... now available for commercial use

What is it?

A proprietary blend of naturally-occurring plant extracts, a non-ionic surfactant, and purified water

How does it work without using harsh masking fragrances?

Chemical Reaction Data

1. **Contact/Adsorption** – FWIAQ molecules released into the air or applied to a surface make contact with odor molecules via opposing electrostatic charges and, or random contact
2. **Solubility** – FWIAQ formulation enhances the solubility of gases (all odors are gas)
3. **Absorption** – Enhanced solubility of the gas leads to absorption of the odor gas
4. **Chemical Reaction** – FWIAQ modifies the odor molecule to a non-odorous state so the odor can no longer be detected by the human olfactory system
5. **Biodegradation** – Food for bacteria

FWIAQ is essentially a **MODIFICATION AGENT** which changes the molecular structure of the odor molecule, and thus eliminates its ability to produce odor.



THE ODOR IS GONE AND WILL NOT RETURN

OUR SCIENCE

Industrial odor control... now available for commercial use

Principles of Odor Control

1. Universal 1st PRINCIPLE – REMOVE THE SOURCE

- This sounds simple, but if you do not find where the odor is coming from, you are not going to be successful

2. PRINCIPLE # 2 – CLEAN THE AFFECTED AREA

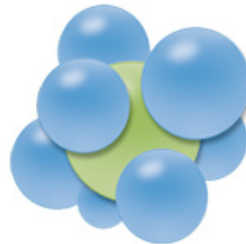
- Start from the SOURCE

3. PRINCIPLE # 3 – Follow the Path of Penetration

- Replicate the way in which the odor traveled through the environment, occupied the air space, and, or, penetrated surfaces
- Spray, Mist, Fog or Vaporize into the Air, dilute into water or cleaning solutions, apply direct to surfaces, add to a carpet pre-spray, etc

Odor Control Tools

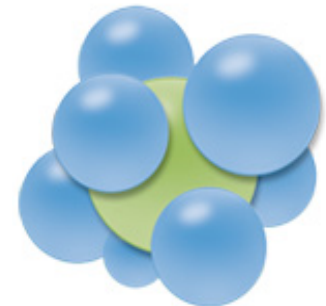
1. Masking Agents
2. Modification Agents – FRESH WAVE IAQ
3. Electronic Deodorization – Replacing the odor-holding molecule with a reorganized molecule called Ozone – can be dangerous
4. Biological Attacking Treatments – Have the ability to kill a specific range of microorganisms. Often referred to as antimicrobials. They are used on odor sources that come from microorganism growth. Example, musty basement odor.



OUR SCIENCE

Is it safe?

- Flash Point - None
- Toxicity Data - Non-toxic per EPA guidelines
- VOC Data - No hazardous VOC's
- Ecological - Does not bioaccumulate
- Safe to use around acute healthcare patients, long-term healthcare residents, students, employees and customers who may have asthma, allergies, or upper respiratory issues.
- Contains no additives/fragrances/perfumes



OUR SCIENCE

Is it safe?

Good for the earth; even better for odors

OMI Industries is a proud partner of the Environmental Protection Agency's (EPA) "Design for the Environment" (DfE) program



Recognized for safer chemistry

www.epa.gov/dfe

DfE is a voluntary program to seek out and promote innovative chemical products, technologies, and practices that benefit human health and the environment. A key purpose of the partnership program is to recognize and encourage the formulation of products with environmentally preferable chemistry.



ODOR ELIMINATING PRODUCT SOLUTIONS

OUR PRODUCTS



A total odor solution

Odors are not limited to a single location, situation or item. This makes it absolutely essential that you have a complete odor elimination solution within your commercial cleaning arsenal.

Fresh Wave IAQ Odor Elimination Family

- Air & Surface Spray & Liquid
- Laundry Additive
- Carpet & Upholstery Additive
- Carpet Shake
- Gel
- Spray Gel
- Ostomy Drops



AIR & SURFACE SPRAY



Attack odor in an instant

For rapid, targeted odor control, turn to Fresh Wave® IAQ air and surface spray. It instantly bonds to, and eliminates, odor molecules in the air and those that have penetrated and/or are resting on fabrics or surfaces. To use, simply spray the affected areas for near-instant odor elimination.

Available in:



2-ounce spray



8-ounce spray



32-ounce spray



1-gallon



5-gallon

CONCENTRATE



64-ounce concentrate



5-gallon concentrate

GEL

Airborne odors don't stand a chance

A gel wall mount unit is available for positioning the 8 oz gel in a bathroom, patient's room, or resident's room.

Non-toxic Fresh Wave[®] IAQ gel is designed to eliminate odors in the air. The continuous release formulation of the gel works around the clock to provide constant, 24/7 odor elimination. This is especially effective for combating persistent odor problems that may not be avoidable or correctable. The coverage area of an 8 or 16 oz gel is approximately 300 square feet.

Available in:



8-ounce



16-ounce



24-ounce



2-gallon



5-gallon



8oz. Gel Wall Mount Unit

Fresh Wave IAQ Gel Wall Mount Unit

The Fresh Wave IAQ Gel Wall Mount Unit is designed to hold one jar of 8oz. gel. It can be easily mounted to most surfaces.

Made of white plastic, the unit is functional and subtle; hiding the product out of sight allowing it to work discreetly. It features a cutout in the bottom of the unit making it easy for removal once it is time to replace the product.

Ideal For:

- Restrooms
- Resident Rooms in Long Term Care facilities
- Patient Rooms in Acute Care facilities

Item #584



GEL Manhole Insert



The Fresh Wave IAQ Gel Manhole Insert is a perforated inflow protector that is designed to allow odorous sewer gases to pass through a barrier of Gel odor neutralizer. Upon passing through the Gel layer the odorous gases are “scrubbed” to yield an odor-free effluent air stream.

The Gel Manhole Insert is designed to hold one gallon of Fresh Wave IAQ Gel. The life of the Gel will be determined by the amount of airflow through each particular manhole application. From our experience, the estimated life will be 3-5 weeks*.



Technical INFORMATION

- Available in both 24” and 36” cover sizes
- There should be approximately 120-140 perforations per Manhole Insert
- Perforations should be 15/64” – 1/4” in diameter

Ideal FOR

- All manholes (downtown areas, high traffic areas, adjacent to sensitive entities, etc.)
- Storm drains with odor issues

Fresh Wave® IAQ Spray Gel is natural, non-toxic, environmentally degradable and safe to use around people and pets. With it, you can effectively remove odors from any environment without using caustic chemicals or scented masking agents.



32 oz



1
Gallon



5
Gallon

APPLICATIONS:

Fresh Wave IAQ Spray Gel is effective at eliminating a broad spectrum of odors such as those in **garbage dumpsters and waste receptacles, trash compactors and composting areas.**

DIRECTIONS:

For immediate, targeted odor control, spray Fresh Wave IAQ Spray Gel onto the trash, refuse or compost area to completely cover the source of the odor. Apply as needed evenly and thoroughly to fully cover the odorous materials.

Fresh Wave IAQ Spray Gel may be applied via a wide nozzle trigger sprayer or with a fan tip portable sprayer.

Fresh Wave IAQ Spray Gel is available in 32oz ready-to-use trigger sprayer bottles, 1-gallon and 5-gallon sizes, which can be poured into appropriate sprayers for application.

AVAILABLE SIZES:

32oz.	1 Gallon	5 Gallon
Item #589	Item #590	Item #591
6/case	4/case	1/case

LAUNDRY ADDITIVE



Laundry isn't clean until it's odor free

Many commercial detergents are designed to remove dirt and stains, but fail to adequately address odor issues. Non-toxic Fresh Wave® IAQ laundry additive eliminates must and mildew odors from laundry. To use, add Fresh Wave® IAQ laundry additive along with laundry detergent.

Available in:



1-gallon



5-gallon

CONCENTRATE



64-ounce concentrate



5-gallon concentrate

CARPET & UPHOLSTERY ADDITIVE



Extract even the most embedded odors from textiles

The most common repositories for odor – carpet and upholstery – also happen to be the most difficult to treat... until now. Fresh Wave® IAQ carpet and upholstery additive penetrates deep into the pile and fabric weave to bond with, and eliminate, odors. To use, add Fresh Wave carpet and upholstery additive to your carpet steam cleaners.

Available in:



1-gallon



5-gallon

CONCENTRATE



64-ounce concentrate



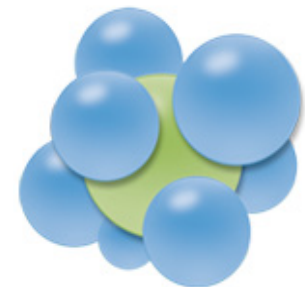
5-gallon concentrate

OUR PRODUCTS



What makes Fresh Wave IAQ different?

- **Eliminates Odors** – Not a masking agent, no irritating fragrances added
- **Broad Spectrum** – Works on virtually all odors
- **Multiple Solutions** – Provides delivery methods to address every odor issue
- **Safe** – SDS reads like water
- **HMIS** - Health = 0, Flammability = 0, Reactivity = 0, Protective Equipment = 0
- **Green** – No harsh chemicals or harmful VOC's, DfE recognized





ODOR ELIMINATING EQUIPMENT

M130 Vapor Unit

VAPOR PHASE TECHNOLOGY FOR THE HOSPITALITY,
BUILDING SERVICES & RESTORATION MARKETS

The M130 Vapor Phase Unit from OMI Industries was developed to provide a "dry" dispersion system for the efficient and economical application of Fresh Wave IAQ® Air & Surface odor eliminator.



SPECIFICATIONS

Dimensions: 18" x 20" x 28"

Weight: 55 lbs

Liquid Capacity (Max.): 2 Gal.

Output: 1-5 pts/24Hr

Outlet Size: 3"

Current Draw: 0.6A

Power Required: 115V/1P/60Hz

*Includes a 12ft power cord with cord wrap.

HOW DOES THE M130 WORK WITHOUT MASKING AGENTS?

The M130 Vapor Phase unit disburses sub-micron size Fresh Wave IAQ molecules into the air. These sub-micron molecules enhance the odor elimination characteristics of Fresh Wave in two ways:

1. The smaller the droplet, the greater the degree of penetration
2. The smaller the droplets, the more Fresh Wave surface area there is to make contact with and eliminate the odor

These minute, dry vapor particles are able to eliminate malodors in the air and on surfaces while also penetrating deep into draperies, upholstery, bedding, wallpaper, carpets and other surfaces.

FEATURES/BENEFITS

- **Broad Spectrum Odor Elimination:** smoke, soot, mildew, trauma scene, skunk, dead rodents, chemical, sewage, fuel oil, food (ex: curry), vomit, feces & urine.
- **Mobile:** easily moves between hotel rooms, rental properties or around a restoration job site. Equipped with swiveling casters as well as side-mounted "lift" handles for moving in and out of transportation vehicles.
- **Easy to Use & Operate:** remove the fill tube cap and fill the tank with a maximum of 2 gallons of Fresh Wave IAQ Air & Surface Liquid (RTU), plug in and turn on.
- **Safe:** the M130 Vapor Phase Unit and Fresh Wave IAQ are safer to use than an Ozone Generator and faster than a Hydroxyl Generator. There is no need to evacuate the area being treated while the Vapor Phase Unit is in use.

The 130 Vapor Phase Unit from OMI Industries was developed to provide a “dry” dispersion system for the efficient and economical application of Fresh Wave IAQ® Air & Surface odor eliminator.



SPECIFICATIONS

Dimensions: 24" x 16" x 48"
Weight: 117 lbs
Liquid Capacity (Max.): 7 Gal.
Output: 2-8 pts / 24Hr
Outlet Size: 2"
Current Draw: 0.6A
Power Required: 115V/1P/60Hz

*The standard unit includes a 1/2 NPT electrical service elbow ready for connection to electrical conduit. A 12ft power cord is available as an option.

HOW DOES THE 130 WORK WITHOUT MASKING AGENTS?

The 130 Vapor Phase unit disburse sub-micron size Fresh Wave IAQ molecules into the air. These sub-micron molecules enhance the odor elimination characteristics of Fresh Wave in two ways:

1. The smaller the droplet, the greater the degree of penetration
2. The smaller the droplets, the more Fresh Wave surface area there is to make contact with and eliminate the odor

Properly positioned, the 130 creates an “odor barrier” between garbage odors and the nose of the offended customer, patron, resident or employee.

FEATURES/BENEFITS

- **Broad Spectrum Odor Elimination:** Garbage related odors frequent in Dumpster Rooms, Compactor Rooms, Trash Chutes, Loading Docks, Septic Systems & Grease Traps.
- **Odor Barrier:** With the proper placement of the discharge piping, we can create an invisible curtain of sub-micron sized droplets, preventing odors from moving into the protected area.
- **Easy to Use & Operate:** Determine the appropriate dilution rate based on the severity of your odor challenge and fill the 12 gallon tank with 7 gallons of Fresh Wave OEM Concentrate Solution, plug it in, and turn it on.
- **Safe:** The 130 Vapor Phase Unit and Fresh Wave IAQ are safer to use than an Ozone Generator and faster than a Hydroxyl Generator. There is no need to evacuate the area being treated while the Vapor Phase Unit is in use. You and your employees can work alongside of a Vapor Phase Unit.



CLIENTELE

DISNEYLAND HOTEL

ANAHEIM, CA



PROBLEM:

- Tobacco smoke odors from Disneyland visitors who ignore “non-smoking” regulations, as well as visitors who cook in the rooms with garlic & curry. This often results in hotel rooms which can not be occupied the next day as Disney attempts to remove the odor damage

SOLUTION:

- OMI Mobile Vapor Phase Unit dispensing FWIAQ Air & Surface Liquid in vapor form

HERTZ

WORLDWIDE



PROBLEM:

- In response to the severe recession in 2008, Hertz needed to extend the life of its fleet. They could keep high mileage vehicles running smoothly, but these cars had severe odor problems Hertz could not solve.

SOLUTION:

- Within 30 days of testing, Hertz implemented worldwide its Odor Free Fleet Program utilizing Fresh Wave IAQ Air & Surface Liquid and Carpet & Upholstery Additive.
- Hertz was able to extend the life of its fleet, and its consumer odor complaints were virtually eliminated.

RELIANT STADIUM

HOUSTON TEXAS



PROBLEM:

- After the circus departed the stadium, the circus odors (especially animal urine) remained – even after extensive cleaning.

SOLUTION:

- Applied Fresh Wave IAQ Liquid to the floors and the lingering animal odors were immediately eliminated.

UNIVERSITY OF NOTRE DAME TRANSPORTATION DEPT



PROBLEM:

- The Notre Dame Transportation Department operates and maintains a fleet of vehicles that transports University students, faculty, staff and guests of the university. Keeping the fleet in top operating condition is no problem. Keeping the fleet free of unwanted odors was a big problem.

SOLUTION:

- The Notre Transportation Department tested Fresh Wave IAQ Air & Surface Spray and Gel products. The test was a complete success and both Fresh Wave IAQ products are now prescribed as standard operating procedure for cleaning the Notre Dame Fleet. All unpleasant odors are completely eliminated, and passengers are not subjected to phony fragrances or harmful chemicals.

NAVY PIER

CHICAGO, IL



PROBLEM:

- Odors from the trash compactor room were traveling into the Navy Pier Food Court.

SOLUTION:

- OMI permanent vapor phase system installed utilizing Fresh Wave IAQ Liquid to effectively eliminate the unwanted trash odors. The Food Court tenants have praised Navy Pier management for installing the solution to this chronic problem.



UNIVERSITY OF CHICAGO HOSPITAL

CHICAGO, IL



PROBLEM:

- Odors from urine, feces, vomit and wounds as well as other bodily and building odors

SOLUTION:

- Fresh Wave IAQ Air & Surface Spray as well as 8 oz Gel

Thank You!



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