



**MULTIWAY CLEAN**  
NEW GENERATION NATURAL DISINFECTANT

**FOOD & AGRICULTURE**

FOOD FIELD AND  
AIR SPACE

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100% WATER BASED ORGANIC AGRICULTURE



## INSTRUCTION MANUAL

It is used at the rate of 100lt/2lt with grassroots dripping in greenhouse cultivation greenhouse (soilles agriculture, wetted greenhouse, grounded agriculture greenhouses), when it is used top system, same rate (100lt/2lt) is used, grassroots turning is required to 100lt/3lt at least.

Vegetables and Fruits are soaked for 3 minutes by mixing Multiway Clean in water at the rate of 1/100lt. Afterwards vegetables and fruits can be consumed without rinsing.

While washing seeds at the rate of 200lt/1lt



It also provides sterilization of air space when it is given with fogging in seedling production greenhouses.



It is not required to rinse, it doesn't constitute biofilm layer, it removes precipitate and residue, it doesn't have any harm or side effect for human.



Product should be used seperately as described, not by mixing with any chemicals.





## MULTIWAY CLEAN FEATURES



Active Chlorine: 0,046% Ph: 5,5 It Is An Environmentally Friendly Water-Based Disinfectant That Removes Bacteria, Viruses and Mycetes in Seconds in Contact Environments. It Contains Active Chlorine (Hypochlorous Acid) and Deionized Water. It Does Not Contain Alcohol, Aldehyde, Phenol and Ammonium. It Is Not Harmful For Human Health, It Is Eco-Friendly.



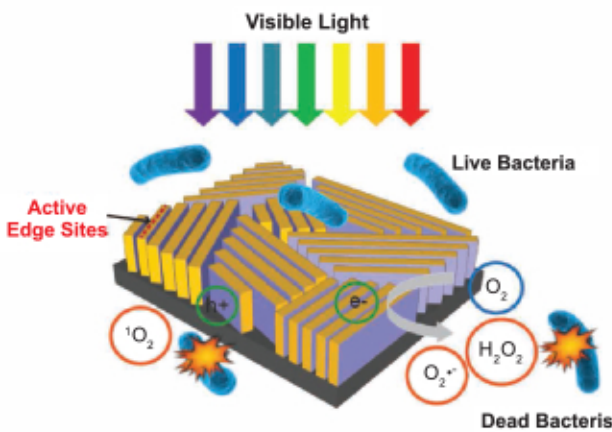
It Provides QUICK and EFFECTIVE Disinfection. It Removes Virus and Bacterias by Disinfecting Irrigation Water. It Increases Product Quality By Healing Irrigation Water. It Does Not Leave Residue After Application. It Prevents Biofilm Formation.



It Supports Plant, Vegetables and Fruit Growing, It Increases Fertility, It Protects Against All Kinds of Disease and It Doesn't Allow Re-Emerge (It Was Proved That It Is Effective Against All Diseases In Seed Plot, Vaccinated Seedling Rooms, Mushroom Production Facilities, Greenhouses, Vegetable Growing In Fitting Applications.) It Reduces the Cost By Saving Product From All Chemicals and Used Medications, It Provides Water Saving, It Ensures Penetrating Market Organically By Increasing Fertility and Quality of the Product. It Decreases Necessary Treatments For Plant Health. It Ensures Products to Grow Big, Quality, Healthy, Organically Continuously, It Increases Fertility, It Decreases Production Cost of Our Farmers And Provides Water Saving.



All Chemicals and Medications Used in Production Doesn't Necessary Anymore. Thanks To Its Feature of Poise in Air Space It Ensures Full Disinfection, It Deodorizes Odor. It Reduces Maintenance Cost of Watering Pipelines. It Allows Municipal Drain Water To Reuse, Eliminates Heavy Metals, It Does Not Allow Biological Pollution. It Has Licences of Food and Forage Area Biocidal Product and Ministry of Agriculture and Rural Affairs Veterinary Stock Farming By Turkish Ministry of Health. It Is An Approved Component by America FDA. It Is Again Recommended to Use in Organic Agriculture By USDA.



**HOCl Time Kill in Solution**  
**99.7% REDUCTION**  
**OR HIGHER IN 30 SECONDS**

<i>Acinetobacter baumannii</i>	7.0488 Log	<i>Micrococcus yunnanensis</i>	5.6137 Log
<i>Bacteroides fragilis</i>	3.3565 Log	<i>Propionibacterium acnes</i>	5.2967 Log
<i>Candida albicans</i>	6.4629 Log	<i>Proteus mirabilis</i>	6.7477 Log
<i>Corynebacterium diphtheriae</i>	5.2778 Log	<i>Pseudomonas aeruginosa</i>	6.5857 Log
<i>Clostridium difficile</i> (spores)	4.6085 Log	<i>Serratia marcescens</i>	6.5811 Log
<i>Enterobacter aerogenes</i>	6.7209 Log	<i>Staphylococcus aureus-MRSA</i>	6.7032 Log
<i>Enterococcus faecalis-VRE MDR</i>	5.6085 Log	<i>Staphylococcus aureus</i>	6.5098 Log
<i>Escherichia coli</i>	6.5272 Log	<i>Staphylococcus pyogenes</i>	6.4214 Log
<i>Haemophilus influenzae</i>	5.4107 Log	<i>Trichophyton mentagrophytes</i>	4.6752 Log
<i>Klebsiella oxytoca</i>	6.7819 Log	<i>Trichophyton rubrum</i>	2.5234 Log
<i>Klebsiella pneumoniae ozaenae</i>	6.8086 Log	<i>Vibrio vulnificus</i>	5.1888 Log
<i>Malassezia furfur</i>	5.3953 Log		







## MULTIWAY CLEAN FIELDS OF USE



It is used as hand, face and foot disinfectant for personal hygiene. It is used in all kinds of tools and equipment disinfection. It provides disinfection with airspace fogging system, it breaks all harmful contagious microorganisms that may come from the air and it doesn't leave residue. It isn't harmful for human health and there is no side effect. It is used at the rate of 200lt/1lt for washing seeds. It doesn't require rinsing, it doesn't form biofilm, it removes precipitates and residue.



It eliminates bacterial and virus diseases that may be in the seed in seed breaking (seedling fertility) and it protects the seed. It doesn't allow virus formation in all kinds of bacteria and viruses that may occur during seedling production from top use during seedling planting. By giving clean water to roots, it eliminates all kinds of diseases that may occur in the root and it ensures healthy seedling development. It also provides sterilization of air space when it is given with fogging in seedling production greenhouses. If it is used in vaccinated seedling rooms, it does not allow formation of bacteria and virus fungus. It prevents microbe formation in places where we step feet and touch while entering rooms and it provides hygiene.



It is used at the rate of 100lt/2lt with grassroots dripping in greenhouse cultivation greenhouse (soilless agriculture, wetted greenhouse, grounded agriculture greenhouses), when it is used top system, same rate (100lt/2lt) is used. As a result of these applications, it doesn't allow the formation of virus bacterial diseases that may occur from top, viruses, bacteria, mold, insinuation, rust, fungal diseases in top application. It strengthens plant roots and ensures increasing in plant stem and blossoming. Product should be used separately as described, not by mixing with any chemicals. Hypochlorous Acid Also Called Neutral Anolyte Is An Effective Disinfection For Washing Whole and Cut Fruits and Vegetables, Increasing Shelf Life and Providing Healthy and Safe Products to Consumers.



It is used in agricultural areas, machine, truss and all tool-equipment disinfection, plant beds and irrigation line disinfection and many more areas. For soil disinfection for seed disinfection and in increasing shooting. For washing fruit and vegetables, watering plants. For watering agricultural fields (for disinfection of watering water 2300lt/1lt). For greenhouses disinfection (NEMATOT (Potatoes in Farmer's Language), Virus, Bacterial Diseases, Mold-Fungus Disease, Ashing (Applied at the rate of 1/100lt from top). 2-3lt is used from grassroots to 1 decare for NEMATOT.



Plant, Fruit, Vegetable Greenhouse Products are effective in seedling production areas, tools and equipment and all virus and bacterial diseases. We have many applications. It is also used for disinfection of agricultural tools and equipment. It is used for cleaning stainless areas of milk and milk production areas and for bacterial disinfection. For disinfection of food storage areas. It is used in air space, thanks to its feature of poise in air space it ensures full disinfection, it deodorizes odor.



It is used in disinfection of fish markets processing and fishing facilities, cold storage, food production facilities, beverage production facilities, disinfection of surfaces and pipelines associated with production.





# MULTIWAY CLEAN ACCEPTED APPROVALS

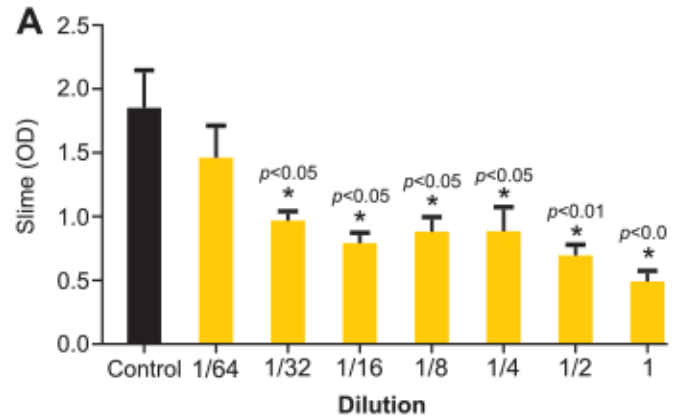


Our product is fully effective against considered as the most important Viruses, Bacteria and Fungus below.  
**Our HOCl products have proved effective against micro-organisms including, but not limited to:**

- Bacteria**  
**Campylobacter jejuni**  
**Escherichia coli including (O157)**  
**Enterococcus species**  
**Helicobacter pylori**  
**Listeria**  
**Legionella pneumophila**  
**Pseudomonas aeruginosa**  
**Staphylococcus aureus (including MRSA)**  
**Salmonella choleraesuis**  
**Mycobacteria tuberculosis**  
**Mycobacterium avium intracellulare**  
**Acineobacter baumannii**  
**Bacterial Endospores**  
**Bacillus cereus**  
**Bacillus subtilis**  
**Clostridium difficile**  
**Clostridium sporogenes**  
**Fungi**  
**Aspergillus niger**  
**Candida albicans**  
**Trichophyton mentagrophytes**

- Viruses**  
**Adenovirus type 4**  
**Bacteriophage MS2**  
**Hepatitis A & B**  
**Herpes type 1**  
**HIV-1**  
**Infectious bronchitis**  
**Influenza including H1N1, H5N1 and H7N9**  
**MS2 virus**  
**Norovirus (Human and Murine)**  
**Orthopoxvirus**  
**Polio enterovirus 1 & 2**  
**Yeasts**  
**Zygosaccharomices bailii**  
**Candida albicans**  
**Moulds**  
**Botrytis (grapy mould)**  
**Powdery mildew**

- CMV  
 TSWV  
 TVLCV  
 TOMV  
 PST  
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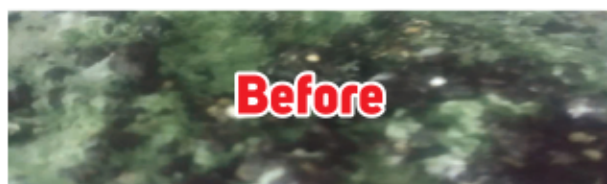







# MULTIWAY CLEAN

## РЕЗУЛЬТАТЫ ПРИМЕНЕНИЯ ПОЛЕВОГО ИССЛЕДОВАНИЯ







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## **PRODUCING COMPANY:**

Produced by Besna Kimya Medikal Temizlik Hizm.  
Turz. İnş. San . ve Tic. Ltd. Altınayak Mah.  
Varsak Sanayi Sitesi 8435 Sokak No: 14 Kepez –  
Antalya



**+90 242 434 31 33**



**[www.besnachimya.com.tr](http://www.besnachimya.com.tr)**



**[info@besnakimya.com.tr](mailto:info@besnakimya.com.tr)**