

**EcoClean** products are totally safe when introduced into a water body (fresh or salt water), and will have no effect on fish or vegetation.

In fact, **EcoClean** will actually cleanse polluted water. This also means that water sewage treatment plants will not have another detergent to remove from wastewater.

**EcoClean** has significant anti-microbial powers as certified by independent testing.

**EcoClean** is versatile, safe all-purpose cleaning agent. It is strong enough to remove red wine from carpets or grease from a car engine, yet gentle enough for fish to swim in.



Temperature limits:

**EcoClean** will degrade to oxygen and hydrogen (its principal components) when frozen.

**EcoClean** cleansing effectiveness maybe enhanced by warming to 120 degrees F.



*Eco-friendly dealer & contractor formulations:*

**Industrial Cleaner**

**Cleaning Rinse**

**Power Wash Additive**

**Landscape / Plant / Cut Flower Additive**

**Pet Cleaning Additive**

**Household Cleaning Additive**



*Eco-friendly household & retail formulations:*

**Household Cleaning Rinse**

**Landscape & Plant Material Spray**

**Antiseptic and Medical Spray**

**Habitat Cleaning Spray**

**Carpet and Household Cleaning Spray**



*Industrial & Household Cleaning*



*Safe and Gentle*



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## EcoClean Products

**EcoClean** is produced using a novel, non-chemical approach. Negatively charged ions are injected into the water by specifically designed equipment. The resulting hydroxyl ions generated by this process creates micro clusters that are active at the water's surface making the water self-flushing.

**EcoClean** solutions are non-polluting inorganic molecules and ionic water with greatly enhanced cleansing power. Solutions contain no active surface agents, phosphates, or plasticizers. EcoClean is harmless to people, pets and the environment.

**EcoClean** is

- Transparent, odorless, and non-flammable
- Environmentally harmless
- Difficult to emulsify
- Non-electrostatic
- Gentle to skin and clothes
- Surfaces resist dust after cleaning
- Removes carbon, nicotine, oil and fat
- Harmless to rubber
- Will not support microbial decomposition, eliminating a source of water contamination
- Objects to be cleaned may be immersed

Results of **EcoClean** versus salmonella, coliform bacillus, and staphylococcus aureas. The standard agar plat count method (48 hours incubation at 35 degrees Celsius) was used for counting bacilli at 10 minutes and again at 15 minutes (see table).

Product formulations are distributed by local representatives. EcoClean is patented.

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## COMPARISON BETWEEN ECO-CLEAN AND DRINKING WATER QUALITY STANDARDS

COMMON POLLUTANTS	ECO CLEAN	WATER QUALITY STANDARDS
Cadmium	Less than 0.005 mg/L	0.01 mg/L or less
Total Cyanide	Less than 0.05 mg/L	0.05 mg/L or less
Hexa chromium	Less than 0.02 mg/L	0.05 mg/L or less
Arsenic	Less than 0.01 mg/L	0.01 mg/L or less
Total mercury	Less than 0.0005 mg/L	0.0005 mg/L or less
PCB	Less than 0.0005 mg/L	No item
Dichloro methane	Less than 0.002 mg/L	0.02 mg/L or less
Carbon tetra-chloride	Less than 0.001 mg/L	0.002 mg/L or less
1.2-dichloroethylene	Less than 0.0004 mg/L	0.004 mg/L or less
1.1-dichloroethylene	Less than 0.002 mg/L	0.02 mg/L or less
Cis-1.2 chloro ethylene	Less than 0.004 mg/L	0.04 mg/L or less
1.1.2-Trichloroethane	Less than 0.0006 mg/L	0.006 mg/L or less
Trichloroethylene	Less than 0.001 mg/L	0.03 mg/L or less
Tetrachloroethylene	Less than 0.0005 mg/L	0.01 mg/L or less
1.3-dichloropropene	Less than 0.0002 mg/L	0.002 mg/L or less
Thiram	Less than 0.001 mg/L	0.006 mg/L or less
Simazine (CAT)	Less than 0.001 mg/L	0.003 mg/L or less
Thiobencarb	Less than 0.002 mg/L	0.02 mg/L or less
Benzene	Less than 0.001 mg/L	0.01 mg/L or less
Selenium	Less than 0.01 mg/L	0.01 mg/L or less
Fluorine	Less than 0.2 mg/L	0.8 mg/L or less
Nitrate nitrogen & Nitrite nitrogen	Less than 0.05 mg/L	10 mg/L or less
Anionic surfactant	Not detected	0.2 mg/L or less

## RESULTS OF INSPECTION (Population/mL)

		COLIFORM BACILLUS IFC3972	STAPHYLOCOCCUS IFO 12732	SALMONELLA JCM 1652
ECO CLEAN not diluted	after 10 min.	0	7	0
	after 15 min.	0	3	0
ECO CLEAN diluted by 5 times	after 10 min.	1	1.0 x 10 <sup>1</sup>	0
	after 15 min.	0	1.0 x 10 <sup>1</sup>	0
ECO CLEAN diluted by 10 times	after 10 min.	2	1.0 x 10 <sup>1</sup>	0
	after 15 min.	0	1.0 x 10 <sup>1</sup>	0
Comparison	after 10 min.	9.4x10 <sup>0</sup>	2.1 x 10 <sup>1</sup>	1.2x10 <sup>0</sup>