



Bio-Blast

Wide Spectrum Water Steriliser / Cleaner

**Destroys Bio-Film, Bacteria, Viruses & Micro-Organisms
found in Water Tanks, Fire Appliances, Hoses & Sprinkler Systems
Air Conditioning Plants & Cooling Towers**

Why Disinfect Water Holding Vessels?

Water taken from the mains is generally clean, however once it is held in storage tanks bacteria and micro-organisms in the water thrive, contaminating the water and causing bio-film within the tank.

If water is pulled from sources such as ponds or water tanks, the water quality will already be compromised with harmful bacteria and other micro-organisms already present.

Stale or contaminated water is a breeding ground for many types of water borne bacteria and viruses including: Legionellosis, E.Coli and Hepatitis A; all can lead to infection when ingested or inhaled via the respiratory tract when water is sprayed from fire sprinklers, showers and fire hoses.



Bio-Blast keeps Tanks Clean, Sterile & Destroys Offensive Odours

Bio-Blast breaks down micro-organisms which produce bio-film and algae slime within water tanks. By regular treatment using **Bio-Blast**, tanks are kept free of bio-film and water is kept clean and fresh.

Note: Contaminated water may not carry bad odours, however if water does smell it is a sure sign that it is contaminated and the tank must be cleaned and disinfected using **Bio-Blast**.

Non Corrosive

Bio-Blast is non-caustic and non-toxic. Safe for use on all surfaces including sealed, painted and un-painted metals, plastic, rubber and synthetic materials.

Effective Against a Broad Spectrum of Bacteria, Yeast Moulds and Viruses including

Legionellosis (*Legionella pneumophila*) E. Coli, Hepatitis A, Norwalk Virus, *Staphylococcus* sp, *Proteus Vulgaris*, *Escherichia* sp, *Lactobacillus* sp, *Pseudomonas* sp, *Corynebacterium diphtherias*, *Streptococcus pneumonia*, *Salmonella typhosa*, *Serratia marcescens*, *Mycobacterium tuberculosis*, *Spiroplasma* sp, *Clostridium* sp, *Trichophyton gypseum*, *Coccidioides immitis*, *Histoplasma capsulatum*, *Penicillium tardum*, Poliovirus type1, Cocksackie B-1, *Vaccinia*, *Cryptosporidium*, *Shigella*, *Giardia*, Amebiasis

Method of Use Dilutions

1/2 litre treats 180 litres water, 1 litre treats 360 litre water, 5 litre treats 1,800 litres water (1 Fire Appliance).

Add **Bio-Blast** directly into water inlet tank or water tank. Top up with water to fill level as required.

If bad odours present or water is suspect leave solution in tank for 3 hours and purge system.

For fire appliances treated water can be used if necessary rather than purging.

Repeat dose of **Bio-Blast** into clean tank and refill with water. If tank is clean this solution can be left in situ. No need to drain appliance.

Continued Protection

Re-treat appliance or water tanks every 3 months or sooner in extreme heat conditions.

Fire & Rescue03/2008



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Material Safety Data Sheet

All the information on this sheet relates to the concentrated product only. In use dilution will significantly decrease any possible hazard.

Manufacturer

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1. IDENTIFICATION	Bio-Blast	
2. COMPOSITION	An aqueous blend of biocides and alkalis	
3. HAZARDS IDENTIFICATION	Product is an irritant	
4. FIRST AID MEASURES	EYES	Flush with copious amounts of water and seek medical advice
	SKIN	Wash with soap and water
	INHALATION	Seek fresh air
	INGESTION	In the unlikely event of ingestion seek medical aid immediately Give nothing by mouth to an unconscious person
5. FIRE HAZARD & FIRE FIGHTING PROCEDURES	Non flammable	
6. ACCIDENTAL RELEASE MEASURES	SMALL SPILLS	Wash away with large amounts of water
	LARGE SPILLS	Contain and cover spillage with absorbent granules Pick up and hold for waste disposal
7. HANDLING AND STORAGE	Closed containers above 5°C. Do not mix with other chemicals	
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION	RESPIRATORY PROTECTION	Not applicable
	VENTILATION	Not applicable
	PROTECTIVE GLOVES	Wear PVC or Rubber Gloves
	EYE PROTECTION	Wear goggles if task or application method could result in eye contact from accidental splash or spray
	OCCUPATIONAL EXPOSURE LIMIT	None
9. PHYSICAL AND CHEMICAL PROPERTIES	PHYSICAL STATE	Liquid
	COLOUR	Pink
	ODOUR	Slight
	FLASHPOINT	Non Flammable
	SOLUBILITY	Water Soluble
	SPECIFIC GRAVITY	1.040 + -0.01 @ 20°C
10. STABILITY & REACTIVITY DATA	CHEMICAL REACTIVITY	Stable
	STORAGE STABILITY	Stable
	INCOMPATIBILITY	None
	HAZARDOUS DECOMPOSITION AND COMBUSTION PRODUCTS	None
11. TOXICOLOGICAL INFORMATION	EYES	Irritant
	SKIN	Irritant
	INHALATION	Irritant
	INGESTION	Harmful
12. ECOLOGICAL INFORMATION	Not classified as dangerous to the environment	
13. DISPOSAL CONSIDERATION	As per current rules of local authority	
14. TRANSPORTATION INFORMATION	Not dangerous for transport	
15. REGULATORY INFORMATION	LABELLING INFORMATION	
RISK PHRASES	R36/38	Irritating to eyes and skin
	R43	May cause sensitization by skin contact
SAFETY PHRASES	S24/25	Avoid contact with skin and eyes
	S26	In case of contact with eyes rinse immediately with plenty of water and seek medical advice
	S37	Wear suitable gloves
HAZARD SYMBOL	Irritant	
16. OTHER INFORMATION	8th April 2007	

The information contained in this document is provided in accordance with the requirements of Chemicals (Hazard Information & Packing) Regulations. The product should not be used for any purpose other than as stated on the label without obtaining specific written instructions directly from the supplier's Head Office. As specific conditions of use are outside the supplier's control the user is responsible for ensuring the requirements of relevant legislation are complied with. The user assumes all liability for damage or injury caused from abnormal use, failure to follow recommended practices & any hazard inherent in the nature of the product.