

Bio-Gone

Cooling System Biofilm Dispersant

TECHNICAL DATA SHEET



Removes biofilm and keeps it from coming back.



SKU: 10006 55 Gallon
10007 30 Gallon
10008 15 Gallon
09821 5 Gallon

Professional-Grade Bio-Gone disperses and removes biofilms that foul cooling towers, heat exchangers and other processing equipment. Biofilm buildup reduces the cooling system's efficiency, causing it to work harder and require more maintenance. Bio-Gone's concentrated formula is the most effective way to improve and protect the operation of water circulating systems.

Use Bio-Gone for HVAC cooling towers and heat exchangers in large industrial facilities, manufacturing, office buildings, lodging, retail, health care, airports, schools and universities.

- *Disperses the algae and bacteria that produce biofilm*
- *Breaks down deposits from biofilms that can cause corrosion and fouling of systems*
- *Prevents future microbial growth and biofilm reattachment when used regularly*
- *Reduces maintenance costs and maximizes system life*
- *Lowers stress on pumps by improving heat transfer efficiency*
- *Eliminates biofilm problems and keeps them away*

Problems Caused By Biofilm:

- System corrosion and equipment fouling
- Overworked pumps require frequent replacement
- Reduction in heat transfer efficiency
- Costly repairs and increased downtime
- Microbial colonization occurs, including Legionella Pneumophila (the bacterium that causes Legionaire's Disease)

Solution:

The best defense against the buildup of bacteria, algae, and other organic matter is regular use of Bio-Gone. Its concentrated formula penetrates and breaks down organic deposits for easy removal during bleed-off.

Effectively Removes:

Algae	Fungi
Bacteria	Iron Oxides & Other Foulants

Components Protected:


Heat Transfer Equipment	Piping
Condenser Surfaces	Valves
Water Lines	Tower Fill
Pumps	



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WARNING: HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. KEEP OUT OF REACH OF CHILDREN. SEE RIGHT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NET CONTENTS: GALLONS

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DIRECTIONS:

1. Apply diluted solution at a rate based upon severity of biofilm and deposit build-up.
2. **INITIAL DOSAGE** (*in previously cleaned systems*): Feed BIO-GONE at a rate of 40-240 ppm (6-32 oz.), 1-3 days a week.
3. **ROUTINE DOSAGE** (*in contaminated systems*): Feed BIO-GONE at a rate of 240-720 ppm (32-96 oz.) daily, until deposits are removed.
4. A microbicide should be used in conjunction with BIO-GONE for effective microbial control.

BIO-GONE COOLING SYSTEM BIOFILM DISPERSANT



WARNING: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Keep out of reach of children. Keep container tightly closed. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Use personal protective equipment as required.

FIRST AID: INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Call a physician if any difficulties persist. **EYES:** Flush eyes with a large amount of water for 15 minutes. Seek medical attention immediately if any irritation persists. After first aid, get appropriate in-plant, paramedic or community medical support. **SKIN:** Wash affected areas thoroughly with soap and water for at least 15 minutes. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Seek medical attention if any irritation persists. **INGESTION:** If person can swallow, give 2 glasses of water to drink. **DO NOT INDUCE VOMITING!** After first aid, seek appropriate in-plant, paramedic, or community medical support. Never give anything by mouth to an unconscious person.

HMIS RATINGS: Health -1; Flammability -0; Reactivity -0; Protection, C.

KEEP OUT OF REACH OF CHILDREN.
READ MATERIAL SAFETY DATA SHEET PROVIDED.

SOLD BY:



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