

# TOWERSHINE, BIOSPRAY-TOWER, FOAM-CLEAR, SCLBRK-GEL, 6225, CTV, 9703

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# TowerShine™

**BIODEGRADABLE FOAMING DETERGENT - SAFELY REMOVES ORGANIC DEBRIS IN COOLING TOWERS**

**REMOVES DEBRIS SUCH AS DIRT, SILT, OIL & GREASE, POLLEN, COTTONWOOD SEEDS AND MORE...**

**NEW! IMPROVED FORMULA**

## TowerShine™

Dirty cooling towers can be a breeding ground for dangerous bacteria's, like Legionella. So keeping towers clean is an important preventative maintenance measure for your facilities overall health. TowerShine™ is a biodegradable cooling tower cleaner that incorporates robust bio dispersants and penetrating agents that break the bond of biological slimes and biofilms. TowerShine™ is an expanding foam detergent that removes debris such as dirt, silt, oil & grease, pollen, cottonwood seeds and more from cooling tower surfaces. If biological fouling is left unattended in your cooling tower it can promote microbiologically influenced corrosion within your equipment. This leads to increased maintenance costs and can potentially even cause unplanned shutdowns.

When applying TowerShine™ it is important that the tower is isolated and the pumps are off. Once the TowerShine™ has been foamed onto the tower fill and surfaces, allow a 20-30 minute dwell time. Thoroughly rinse the TowerShine™, organic and biological particulate off of all Tower surfaces. Initiate a blow-down of the tower to flush out all remaining TowerShine™ from the system. You can add Goodway Foam-Clear™ defoaming solution to the basin water to subside any foaming reaction.

- ### FEATURES
- **New Improved formula - with greater foaming and cleaning performance.**
  - **Robust, High Powered Biodispersants to clean bacteria and biofilms off tower surfaces.**
  - **Concentrated, biodegradable foaming cooling tower cleaner**
  - **Cleans dirt, silt, oils, pollen, cottonwood seeds and other biological matter from cooling towers.**
  - **Fast penetrating foaming action gets into hard to reach areas.**
  - **TowerShine™ is specifically formulated to be applied with our TFC-200 or CC-400HF Coil Cleaner.**

### DILUTION RATES:

- Light fouling cleaning - 1 part TowerShine™ to 5 parts water.
- Medium fouling cleaning - 1 part TowerShine™ to 1 part water.
- Heavy fouling cleaning - use TowerShine™ undiluted.

TowerShine™ is available in 5 & 55 gallon containers.

(1) 5-gallon bucket of TowerShine™ will treat approximately 400 sq./ft. of light fouling.

**Please note:** TowerShine™ is not designed to remove scale deposits from cooling tower fill. For descaling cooling towers, please see our ScaleBreak-Gel product.

Apply TowerShine™ with our TFC-200 by foaming it onto tower surfaces. As TowerShine™ is applied, the thick foam penetrates biological growth and organics thus breaking their bond from hard and porous surfaces.

*Continued on next page*

# MORE GREAT SOLUTIONS FOR CLEANING TOWERS

## SCALEBREAK®-GEL - INDUSTRIAL DESCALING CHEMICAL



Goodway's ScaleBreak-Gel is a patented, innovative viscous gel formulated for descaling vertical surfaces like cooling tower fill. When used in conjunction with Goodway's TFC-200 system, ScaleBreak-Gel adheres to vertical surfaces allowing its powerful descaling properties to penetrate and dissolve water formed deposits into a liquid suspension for easy removal.

- Apply ScaleBreak-Gel with the TFC-200 and allow to sit for 60 minutes. Then just rinse away the deposits.
- The ScaleBreak-Gel will penetrate into the deposit, loosening scale, bio growth and debris so it can be flushed away.



## BIOSPRAY TOWER

Even the most well-maintained cooling towers can be a breeding ground for dangerous bacteria. When you need emergency disinfection or regular maintenance, choose BioSpray® Tower. BioSpray Tower is a cooling tower cleaning solution that will disinfect hard non-porous surfaces in one simple step. Additionally, when starting up cooling towers, use BioSpray Tower as an initial disinfectant. This EPA registered disinfectant kills 99.9% of Legionella pneumophila when correctly applied to hard, nonporous surfaces like cooling towers. **Keeping your system clean will reduce the nutrients available for Legionella growth.\***

- Kills 99.9% of Legionella
- EPA registered (82972-1-83022)
- Use in tower start-up disinfection, emergency disinfection or as needed.
- 100% biodegradable surfactant
- 5-gallon container
- For use on hard, nonporous surfaces
- Use undiluted

## TOWERVAC® CTV-1501 - THE COOLING TOWER VACUUM

Safely remove cooling tower bacteria without having to drain or shut down the system. This award-winning product features an adjustable flow control that allows you to vacuum at a recovery rate of up to 60 GPM. Easily remove slime, algae, mud and other contaminants from the sides and floor of any cooling tower basin or sump. Stop dirty cooling tower water from fouling chillers, robbing efficiency and increasing energy costs.



## SCALEBREAK® DESCALERS



Goodway's line of ScaleBreak descalers will safely and quickly dissolve water formed deposits from cooling towers, evaporative condensers and fluid coolers. Each ScaleBreak formula is fortified with low foaming, wetting and penetrating agents along with corrosion inhibitors. Our ScaleBreak formulas are fast, biodegradable, economical and efficient. Goodway Technologies blends 3 different descalers to meet the needs of our customer's applications and base metals.

During the normal process of operation, cooling towers reject heat generated from process equipment. Throughout this process hard water deposits

fall out of suspension and adhere to the tower fill or tube bundle surfaces. The deposits impede air flow in tower fill or build up an insulating barrier on evaporative condenser/fluid cooler tubes. This action ultimately results in minimization of heat transfer which correlates to decreased efficiencies and increased operating costs both in the tower and up-stream in your equipment.

By applying ScaleBreak you can keep your equipment and facility running efficiently. Goodway's Scalebreak formulas will quickly dissolve deposits such as calcium, lime and rust into a liquid suspension allowing them to be freely removed from water passages and heat transfer surfaces. ScaleBreak descalers can be utilized while the equipment is in operation without down time. Please contact Goodway for quantities and procedural usage instructions.

**ScaleBreak is available in 5, 30, 55, 275 & 330 gallon containers.**

# COOLING TOWER CLEANING SOLUTIONS



OPTIMIZE YOUR TOWER HYGIENE, YOUR HEALTH IS IMPORTANT



## BioSpray® Tower

BioSpray Tower offers powerful sanitizing and disinfecting properties for use across various applications. This includes general surfaces, food contact surfaces, industrial surfaces, and more and has been approved by the EPA for use against SARS-CoV-2, the virus that causes COVID-19.

For HVAC use, including cooling towers, BioSpray Tower is used as a preventive maintenance sanitizer designed for application to all the

areas outside of the bulk water flow. Drift (small water droplets) from a contaminated cooling tower can carry Legionella and other harmful bacteria as far as 2 miles from your facility. That bacteria can then enter the lungs, infecting unsuspecting innocent people.

Unlike bulk water treatment, which only impacts water in contact with surfaces, BioSpray Tower works on hard surfaces to quickly kill 99.9% of Legionella. Apply liberally to exposed surfaces of towers, inside and out. BioSpray Tower will improve the overall health of the cooling so technicians can safely perform preventive maintenance. BioSpray Tower is a non-hazardous, non-regulated preventive maintenance sanitizer.

**BIOSPRAY-TOWER-5:** 5 Gallon container .....

Available in 55 gallon drum



## Foam-Clear™

Defoaming solution is a super concentrated defoaming chemical designed to instantly remove foam from industrial applications like descaling, coil cleaning and more.

In certain situations, excessive foam can cause annoyance or possible damage. FOAM-CLEAR reacts instantly, reducing foam and keeping it from forming again.

**FOAM-CLEAR-01:** .....



## ScaleBreak®-Gel

Goodway's ScaleBreak®-Gel is a patented, innovative viscous gel formulated for descaling vertical surfaces like cooling tower fill.

When used in conjunction with Goodway's TFC-200 system, ScaleBreak-Gel adheres to vertical surfaces allowing its powerful descaling properties to penetrate and dissolve water formed deposits into a liquid suspension for easy removal.

ScaleBreak-Gel is a completely water soluble product and is perfect for descaling cooling tower fill, tank walls or any other vertical surface.

**SCLBRK-GEL-05:** ScaleBreak-Gel is an acidic product, formulated to adhere to and descale mineral deposits from cooling tower fill or other vertical surfaces.....

## TowerShine™

TowerShine™ is a biodegradable, expanding foam detergent specifically formulated for use with the TFC-200 TowerWash.

### TOWERSHINE™-05:

Cooling Tower Fill Cleaning Solution, 5 gallon buckets



Note: See page 63 for information on the TFC-200.

# Cooling Tower Vacuum Extension Tube • 6225A



## Product Overview

High-quality 36"(91cm) replacement/extension tube for use with CTV-1501 TowerVac®.

## Product Features

- High-quality construction
- Length: 36"(91cm)

# Cooling Tower Vacuum Extension Hose • CTV-EH-25



## Product Overview

High quality, crush-proof 25' (7.6m) replacement hose for use with CTV-1501 TowerVac®

## Product Features

- Crush-proof hose construction
- High quality

# Cooling Tower Vacuum Accessory Kit · CTV-KIT-1501



## Product Overview

Get the most out of your CTV-1501 Cooling Tower Vacuum with this accessory kit. If you have large cooling towers to clean or a variety of towers, this kit helps extend your cleaning performance to help clean basins faster and easier than ever before.

## What's Included

**Cooling Tower Vacuum Accessory Kit includes:**

- 25' vinyl crush-proof extension hose
- 36" extension tube
- 20" floor brush
- 12" paddle tool
- 18" bulk pickup tool with hose
- 6" utility brush

## Product Features

- High quality, durable construction
- Complete accessory kit
- For use with Cooling Tower Vacuum only

# WATER SAVING ESSENTIALS FOR YOUR COOLING TOWER



“Goodway offers great pieces of equipment that help us get the job done right.”  
 – John H

## CTV-F2 Ideal TowerVac® Companion

Filter cooling tower wastewater and get clean water for your tower basin with this high-flow capability and small-micron filtration unit. You can also use this powerful unit in conjunction with the CTV-1501 TowerVac® to restore optimal operating conditions to cooling towers.

Easy to clean and reuse twin filter cartridges clean tower water down to 5 microns for better performance. A clean water discharge rate of up to 50 GPM means it can handle any heavy-duty tower-cleaning job you encounter.

### FEATURES

- Reusable filters
- Quick lock lids
- Quick connect hoses and tools



CTV-F2	
Input Water Pressure	Maximum 30 PSI at 50 GPM
Filters	Two reusable synthetic, 40 square foot, 5 micron media
Dimensions	38" high x 20" wide x 20" deep
Weight	70 lbs net dry

**CTV-F2:** TowerVac Filtration System, including two 5 micron media filters, 25' connection hose, 25' outlet hose, and mobile dolly.....

### REPLACEMENT FILTERS:

**9703-6:** Replacement filters (package of six).....

# CONTROLLING HARMFUL LEGIONNAIRES' DISEASE BACTERIA

## 9 TIPS YOU CAN USE TODAY!

1. INSPECT TOWERS MONTHLY
2. CLEAN TOWER BASIN SURFACES REGULARLY
3. IMPLEMENT A WATER TREATMENT PROGRAM
4. DON'T FORGET TO CLEAN THE FILL
5. MAINTAIN SUMP WATER AT LOW TEMPERATURES
6. SIDE-ARM AND DEAD-LEG PIPING
7. USE PERSONAL PROTECTIVE EQUIPMENT WHEN CLEANING
8. LOWER THE TOWER DRIFT RATE
9. KEEP GOOD RECORDS



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