

APEX

QUARTERLY

SECOND QUARTER 2024

IN THIS ISSUE:

***RYDLYME COOLING TOWER CLEANING KIT -
WHAT'S INCLUDED?***

***INDUSTRIAL DESCALING SYSTEM 10CIP -
TOUGH ON SCALE, EASY TO MANEUVER!***

***RYDLYME REMOVES STRUVITE FROM
WWTP LIFT STATION!***



**NEWS ON SAFE
CHEMICAL SOLUTIONS
FROM APEX ENGINEERING
PRODUCTS CORPORATION**

Manufactured Since 1942 by: Apex Engineering Products Corporation



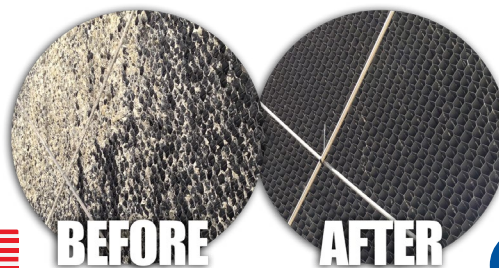
Cooling Tower Cleaning Kit

RYDLYME dissolves water scale, lime, struvite, vivianite, mud and rust deposits safely, quickly and effectively!



RYDLYME Cooling Tower Cleaning Kit includes:

- A recommended quantity of **RYDLYME** Biodegradable Descaler (NSF/ANSI/CAN 60)
- A 75LDP transfer pump with brass nozzle
- Technical support and sales representatives around the globe
- **FREE** desposit test! (\$299 **VALUE!**)



Certified to NSF/ANSI 60
Nonfood Compounds (A3)



Industrial Descaling System 75LDP

Product Sizes	SKU
RYDLYME 4X1 Gallon Case	RYD04
RYDLYME 1 Gallon Jug	RYD01
RYDLYME 5 Gallon Pail	RYD05
RYDLYME 30 Gallon Drum	RYD30
RYDLYME 55 Gallon Drum	RYD55
RYDLYME 330 Gallon Tote	RYD330

Tough on scale. Easy to maneuver.

Introducing the all new, redesigned
10CIP Industrial Descaling System for **RYDLYME** Descaler



Ready, set - descale with a 10CIP.



10CIP Specifications

14 Gallon Bucket

30 GPM at 25' Head

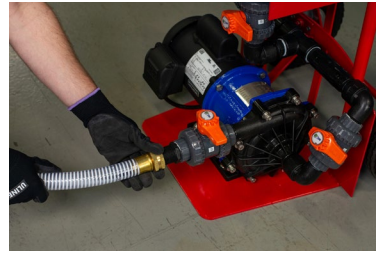
½ HP Pump

(3) 10' Tygon
Hoses

1" Plumbing
Throughout

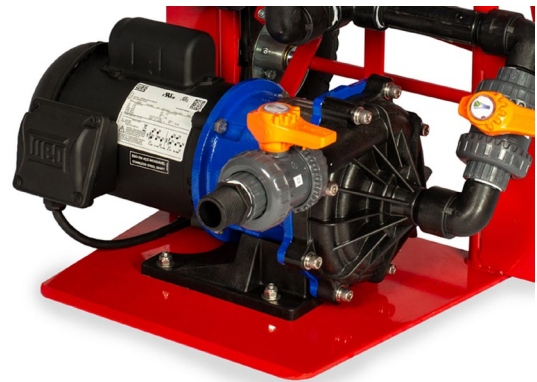
10" Pneumatic
Wheels

Quality parts. Quality features.



Secure 1" hose connection from equipment via Ipex tru-union valve and nipple.

Secure 1" hose connection to equipment via Ipex tru-union valve and nipple.



Ipex tru-union valve for assembly and disassembly.

Ipex tru-union bypass valve to separate bucket from reservoir.





Secure 1" hose connection for drainage/ separate reservoir via Ipex tru-union valve and nipple.

10" pneumatic wheel for easy maneuvering on uneven surfaces.



GFCI on/off switch with outlet for onsite accessories.

Purpose built down pipe for controlled operation and open top 14 gallon bucket for venting & observing performance.



Manufactured to last.

The Industrial Descaling System 10CIP is a robust system that allows **RYDLYME** to be circulated throughout your water based system. Proudly manufactured in an ISO 9001 Certified Facility in the USA.

[More Information](#)



CASE STUDY

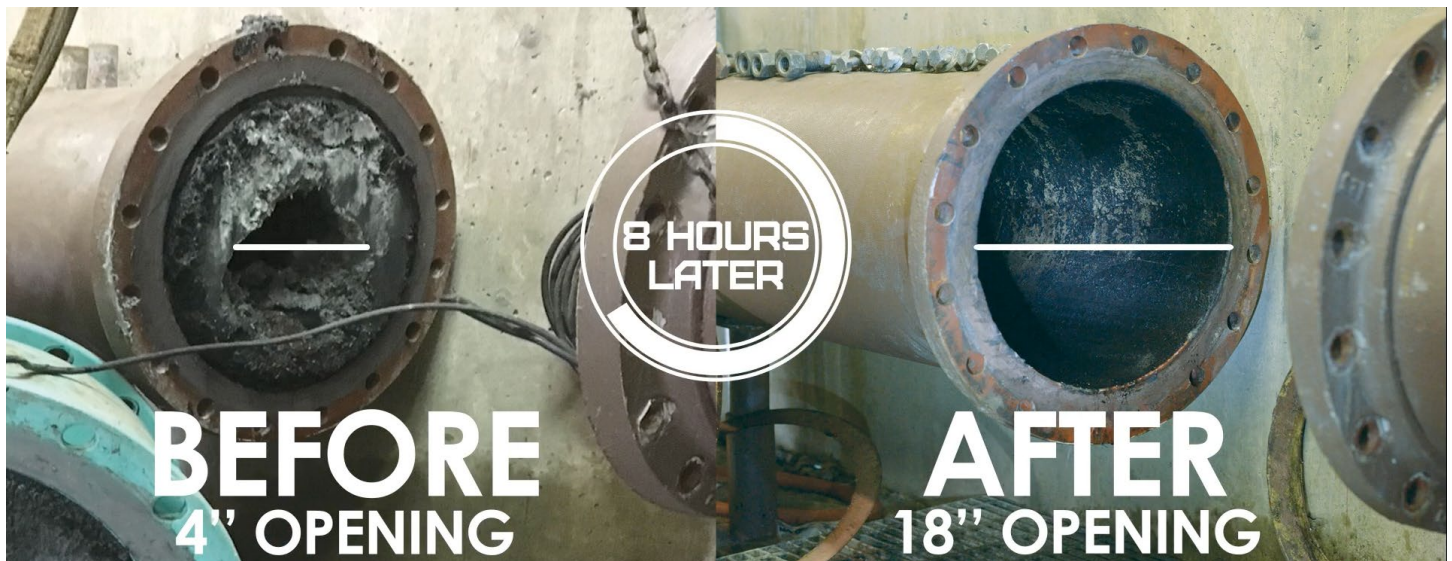
Manufactured Since 1942 by: Apex Engineering Products Corporation

RYDLYME
World's Leading Biodegradable Descaler

WASTEWATER LIFT STATION STRUVITE CLEANING

A midwestern wastewater facility was severely hindered by struvite blockage within one of their lift stations. The severity of struvite buildup had seized multiple valves and pump driveshafts throughout the system. Repeated hydroblasting attempts were unsatisfactory in that only a few feet of the system was freed of struvite deposits after three days of cleaning. Labor costs and downtime strained their budget and operators!

Their safe, simple solution came in as **RYDLYME** Biodegradable Descaler. A circulation loop was established and manipulated for each of the four pumps to be cleaned. Each of the four loops were cleaned for 2 hours. After which, the **RYDLYME** was flushed from the system along with the dissolved struvite! Operators were completely satisfied with the **RYDLYME** cleaning and the results have been shared with other facility personnel to schedule the next cleaning.



CHALLENGE

Wastewater lift station pumps, valves and piping were severely clogged with struvite deposits. Hydroblasting for days achieved no results.

SOLUTION

Utilizing **RYDLYME** Biodegradable Descaler and a pumping system, a circulation loop was established to clean the system and completely dissolve the struvite deposits within 8 hours.

RESULTS

After flushing with water, pipes were opened fully, all valves functioned correctly and pumps achieved optimum flow rates! Other previously scrapped valves were cleaned separately with **RYDLYME** and now are retained as backups.



DESCALER & PUMPING SYSTEMS



RYDLYME biodegradable descaler is uniquely formulated to dissolve the toughest water scale, lime scale, mud and rust deposits from virtually any water-operated equipment. NSF A3 and ANSI 60 certified.



RYDLYME Pumping Systems are specifically designed to circulate **RYDLYME** through a vast array of equipment and systems to keep your facility at peak operating condition.

CLEANERS & DEGREASERS



RYDALL CC Coil Cleaner is a biodegradable, concentrated solution that is safe for indoor and outdoor cleaning of air exposed surfaces on HVAC/R equipment. Dilutable and capable of being applied via foaming applicator. NSF A3 certified.



RYDALL MP Multi Purpose Degreaser is a biodegradable, versatile cleaner that quickly and safely removes oil, grease, grime and other pollutants from wettable surfaces and components. NSF A1 certified.



RYDALL HD Heavy Duty Degreaser is a biodegradable heavy duty, industrial grade degreaser. Used specifically on all carbon based derivatives that are found on the oil and/or process sides of your critical equipment or systems.



RYDALL VP Specialized Degreaser is a biodegradable, pH neutral degreaser specifically designed to safely and quickly clean and degas refinery process equipment. It can be applied in circulation or vapor phase applications.



RYDALL DC Deodorizing Cleaner is a biodegradable, ultra-concentrated cleaner designed to be used generally in janitorial applications such as floor, bathroom and window cleaning.

ODOR CONTROL & WATER TREATMENT



RYDALL OE Odor Eliminator is a unique, environmentally beneficial additive that is applied to landfills, compost or other organic odors. Naturally enhances methane release and production. Contains no masking agents, essential oils or fragrances.



RYDALL WO Water Optimizer is an environmentally beneficial additive that naturally reduces and prevents the formation of H₂S, COD, BOD, FOG, TDS and TSS. Thereby reducing corrosion and discharge penalties while increasing production.



BUCKED SCENT ELIMINATOR is born and bred from our industrial products, BUCKED is designed to eliminate the scent hunters carry in order to be invisible!

1241 Shoreline Drive Aurora, Illinois 60504 T: 630.820.8888 | 800.451.6291 | F: 630.820.8886 | MADE IN THE USA

Apex Engineering Products has been formulating and manufacturing safe and biodegradable specialty cleaning chemicals for a diverse range of applications around the world. From our **RYDLYME** biodegradable descaler to our versatile **RYDALL** line of degreaser/cleaner, odor control and water treatment products, we aim to decrease downtime and increase efficiency.

We are a fourth-generation, family-owned company acclaimed not only for our biodegradable line of products, but also our in-depth and exceptional customer support. With decades of knowledge and experience in a wide array of applications, our professional technicians will work closely with you to determine the best solution for your facility's unique challenges.

Apex Engineering Products also takes great pride in being an ISO 9001 Certified Company providing the highest level of support and quality of products to our customers...**another formula that hasn't changed in over 80 years!**