

COUNTY OF ROCKLAND
Department of General Services
Purchasing Division

Contract Award Notification

Title: **Chemicals for Wastewater Treatment Plant**

Contract Period: March 11, 2026 through March 10, 2027 w/ (4) 1-Year Options

Original Date of Issue: March 11, 2026

Date of Revision:

BID No: **RFB-RC-2026-004**

Catalog: **Wastewater**

Authorized Users: United States Agencies, Other States & Political Subdivisions Therein,
Local Governments, School Districts & Non-Profit Agencies

Address Inquiries To:

Name: Michele Phillips
Title: Purchaser II
Phone: 845-364-2984
Fax: 845-364-3809
E-mail: phillipm@co.rockland.ny.us

Description

This contract is to provide specified chemicals as required by the Rockland County Sewer District No. 1

Contract #	Vendor Number	Contractor & Address	Telephone No.
BID 26-004	0000022227	Chemrite, Inc. 5202 Belle Wood Court, Ste 104 Buford, GA 30518 Contact: Aaron Opp sales@chemrite.com	770-271-5576 Fax: 770-271-4068
BID 26-004-A	0000030214	Maryland Biochemical Company, Inc. 712 Tobacco Run Drive Bel Air, MD 21015 Contact: Jon Kozlowski jon@marylandbiochemical.com	410-734-9100

COUNTY OF ROCKLAND
 DGS – PURCHASING DEPARTMENT
 BLDG. A, 6TH FLOOR, 50 SANATORIUM ROAD
 POMONA, NY 10970
 TELEPHONE NO.: 845-364-3820

LINE NO.	DESCRIPTION	ITEM NUMBER	EST. QTY.	UNIT	UNIT PRICE	MANUFACTURER	PRODUCT NO.	VENDOR
1	<p>Chlorine, Granulated Active Ingredients: Calcium Chloride 65% Inactive Ingredients: 33% 50 lb.pail, MINIMUM 24 PAILS PER ORDER HTH Daytech Arch Chemicals, Chloryte by Universal Chemical, Leslie’s Power Powder by Olin, PPG Inductor, Sigura Water, Part Number 23211, Solenis Product #23211 or approved equal</p>	88595300001	30	50 lb. Pail	\$ 121.50	Chemrite	ProChlo	Chemrite
2	<p>Polymer Solvent Non-flammable, non-acid Pkg.: 55 gallon metal drums as per the attached specifications Poly Solv 01 Mfg., Inc. or approved equal Detailed Specs in Bid Documents and 3 will be awarded to one supplier</p>	8857000001	4	55 gallon metal drums				NOT AWARDED
3	<p>Polymer Blending Unit System Flush Used for blending unit preventive maintenance program, contains NO caustics, No acids, No solvents, and has a neutral pH. Compatible with plastics, glass, and metals. MUST NOT harm the blending unit, must lubricate and protect wear parts, reducing pump rebuilds, may be used weekly. Poly Solv 02 Mfg., Inc. or approved equal See Detailed Specs in Bid Documents Lines 2 and 3 will be awarded to one supplier</p>	8857000007	4	55 gallon drums				NOT AWARDED

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LINE NO.	DESCRIPTION	ITEM NUMBER	EST. QTY.	UNIT	UNIT PRICE	MANUFACTURER	PRODUCT NO.	VENDOR
4	<p>DEFOAMER- Biological Foam Control Non-Hazardous defoamer effective on Biological Foam found in Digestors, Equalization Basins, Flumes, and Effluent Outfall, Contains NO Liquid Hydrocarbons, does NOT cause oily sheen on river outfall. For outfall applications dosages typically range from 1 to 20 PPM, for Flumes and Equalization basins typical dosages range from 30 to 100 PPM. Product must not separate upon storage and does NOT require stirring prior to use. Shelf life greater than one (1) year, product will freeze, store above 50 degrees Fahrenheit. MSDS required. Clean Waters, Inc BFI-777 or approved equal See Detailed Specs in Bid Documents</p>	19090350003	4	55 gallon drums	\$ 491.15	Maryland Biochemical Company	MB 012 SF	Maryland Biochemical Company
5	<p>Vapor Degreasing & Cleaning Solvent Non-flammable replacement solvent Contains no chlorinated solvents or carcinogens in its inhibitor package, For use in Sewer District wet wells Ensolve, Bioesque Solutions BHDCD55G 87742-1, Red Lion Research P/N 7430, Red Lion Superet Clean by Chromate Industrial, Simoniz Citrus Plus h1140-3367, Simoniz Citrus P55 or approved equal</p>	88546100002	1	55 gallon drums				NOT AWARDED

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PURCHASES BY OTHER

LOCAL GOVERNMENTS, SCHOOL DISTRICTS, AND NON-PROFIT AGENCIES

As per the New York State General Municipal Law, all political subdivisions of New York State are allowed to make purchases through the resulting contract(s). As per Rockland County Procurement Policy, Non-Profit Agencies approved to participate in New York State's Contract Extension Program are authorized to make purchases through the resulting contract(s).

1. The County of Rockland shall make all contract award information available to other political subdivisions and non-profit agencies through our website: www.repurchasing.com
2. Any other political subdivision or Rockland County non-profit agency will issue purchase orders directly to vendors within the specified contract period referencing the County's contract and shall be liable for any payments due on such purchase orders; and shall accept sole responsibility for any payment due.
3. All purchases shall be subject to audit and inspection by the other political subdivisions and Rockland County non-profit agencies for which the purchase was made.
4. No officer, board or agency of a county, town, village, or school district shall make any purchase through the County when bids have been received for such purchase by such officer, board or agency, unless such purchase may be made upon the same terms, conditions and specifications at a lower price through the County.
5. All Bidders shall be on notice that as a condition of the award of a County contract, the successful bidder shall accept the award of a similar contract with any other political subdivision in New York State and Rockland County non-profit agencies authorized to use New York State's contracts, if called upon to do so. A listing of approved Rockland County non-profit agencies is available on the Purchasing Division's website at www.repurchasing.com. The County, however, will not be responsible for any debts incurred by the participants pursuant to this or any other agreement.
6. Necessary deviations from the County's specifications in the award of a participant contract, whether such deviations relate to quantities, or delivery points shall be resolved between the successful bidder and the other political subdivisions and Rockland County non-profit agencies.

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SPECIFICATIONS

1. SCOPE

- 1.1. The scope of this bid is to provide specified chemicals as required by the Rockland County Sewer District No. 1.
- 1.2. Bidders must be authorized sellers for product being submitted

2. SITE VISIT

- 2.1. Bidders are advised to visit the delivery sites specified and the storage tanks to become familiar with the conditions they may encounter when making deliveries. No allowance will be recognized for any claim made due to any difficulties encountered when attempting a delivery because the supplier with whom a contract was executed, failed to ascertain for himself the conditions and circumstances to be encountered during delivery.
- 2.2. To arrange a site visit to delivery locations for the Rockland County Sewer District #1, 4 Route 340, Orangeburg, NY 10962, contact Richard Hagan at **(845) 365-6111**.

3. QUANTITIES

- 3.1. The quantities listed are estimated annual usage.
 - 3.1.1. NOTE: The Town of Orangetown orders chemicals off of this contract, however, usage is unknown at this time.
 - 3.1.1.1. Upon award and request, contractor must be required to report all usage against the new contract.

4. REQUIREMENTS

- 4.1. Bidders must submit SDS sheets and specifications with their bid for each product offered.
 - 4.1.1. SDS sheets submitted must be clearly marked with the corresponding Item # in accordance with the proposal pages/Bid Table.
- 4.2. Bidder must supply Mfg., Product Code and Packaging information on all items bid (see proposal pages).
- 4.3. Drums and/or cylinders to remain vendor's property and must be furnished at no charge on an even exchange basis. **No deposit or demurrage.** The County of Rockland will be responsible for drums while in use on County property.
 - 4.3.1. All quantities shown are estimates based on previous usage. The successful bidder will be required to furnish quantities even if different than those used whether it is more or less during the term of the contract.
 - 4.3.2. All contractors and/or bidders must be required to wear hard hats & safety protective equipment while doing work for and/or being on the Rockland County Sewer Dist. # 1 premises. This

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directive is effective immediately & must be enforced. No work will be authorized or performed without proper safety protection equipment adhering to the most recent OSHA standards & it is the vendor's responsibility to supply the necessary items of equipment.

4.4. All town and municipality orders must be billed to the requesting town or municipality.

5. DELIVERIES

- 5.1. Unless otherwise specified, all deliveries to Rockland County Sewer District Facilities must be conducted between normal business hours of 7:00 AM – 2:30 PM Monday – Friday. Deliveries outside these times may be denied at the district's discretion, at no additional cost to the County of Rockland.
- 5.2. All deliveries must be verified via telephone at least 24 hours prior to arrival at the County of Rockland Facilities. The contact telephone number is (845) 365-6111.
- 5.3. Failure to deliver on time may result in default of bid. The County of Rockland is then permitted to purchase products on the open market and to charge back differences to defaulting vendor.
- 5.4. All orders must be shipped FOB destination prepaid and allowed

6. SITE DAMAGE

- 6.1. Any damage to buildings, equipment, utilities, finished surfaces, or the property of the County of Rockland resulting from the performance of this contract must be repaired by the Contractor at the Contractor's expense at no cost to the County of Rockland. Completed repairs must be accepted and approved by the authorized representative of the County of Rockland.

7. APPROVED EQUAL OR EQUIVALENT ITEMS

- 7.1. Bidder must submit specifications, cut sheets, brochure data and SDS sheets with his bid. Bidders must also include company name, address, contact, and contact telephone number of three locations where the product is being utilized (see Certificate of Experience).
- 7.2. The Rockland County Sewer District will have the final say on what is an approved equal for this award.

8. SAMPLES FOR EQUIVALENT ITEMS

- 8.1. Samples –Bidder must submit samples to the Purchasing Department for evaluation within five business days of notification from the Rockland County Purchasing Department, unless otherwise specified. If the sample is not received as requested, the bidder may be deemed non-responsive and removed from evaluation.

8.1.1. All sample materials must be clearly labeled with the following information:

Bid Number

Bid item Number

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Bid Item Name
Product Name
Vendor Name

8.1.2. These items will be used for evaluation purposes and will not be returned unless otherwise agreed upon prior to sample submission. The evaluation of these products will be made by the user department based on trials, product review, or experience.

8.1.3. The Rockland County Sewer District will have the final say on what is an approved equal.

9. PRICE ADJUSTMENTS

The County recognizes this product or service has a price component that may have a commodity with changing costs. The Contractor/Supplier may request a Price Adjustment no more frequently than once each contract year.

A Price Adjustment request must be made in writing and include the reason for the request, documentation supporting the request (ie, commodity increases), the current pricing, and the requested revised pricing.

The County will review the Price Adjustment request. If the Price Adjustment is deemed reasonable the Price Adjustment request will be accepted by written acknowledgement. If the request is not accepted the County may entirely reject the request or may counter with revised pricing. In either case the County will provide a written explanation in support of the decision.

The Director of Purchasing may use available indexes (e.g. CPI or PPI) to determine if the requested Price Adjustment is reasonable. Typically, a Price Adjustment that exceeds 5% will not be approved unless very unusual and significant changes have occurred in the industry.

In the event industry costs decline, the County shall have the right to receive, from the Contractor, a reasonable reduction in prices/pricing that reflect such cost changes in the industry. The County will make a written request to the Contractor for a Price Adjustment in writing with supporting documentation.

10. AWARD

10.1. Bid will be awarded on a line-by-line basis to the lowest responsive responsible bidder meeting the stated requirements.

10.2. If at any time RCSD#1 determines that an awarded product is not performing as specified and intended, the County reserves the right to rescind the award of that product and proceed to award the product to the next lowest responsive responsible bidder meeting the stated requirements.

See Details specs for lines 2, 3 and 4 on next page

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DETAILED SPECIFICATIONS FOR POLYMER SOLVENT (ITEM #2)

- **POLYMER SOLVENT**
- **POLY SOLV 01 CONCENTRATE MF. CLEAN WATERS, INC. SPECIFICATIONS**
 - Is concentrated polymer residual cleaner used to clean polymer spills, belt press belts, GBT belts, screw presses, internal centrifuge bowls, and more.
 - Contains both detergent and surfactant packages that are activated when mixed with water.
 - Contains an indicator dye, which helps the user determine what areas have been covered with the chemical.
- **CONTAINERS**
 - 55 gal. metal drums.
- **NOTES**
 - Delivery time is from 7:00 AM - 2:30 PM, Monday through Friday.

DETAILED SPECIFICATIONS FOR POLYMER BLENDING UNIT FLUSH SYSTEM (ITEM #3)

- **POLY SOLV 02 – MFG CLEAN WATERS, INC. SPECIFICATIONS**
 - Used for blending unit preventive maintenance program
 - Non-toxic dye will visually let you see when the unit has been saturated
 - Contains NO caustics, NO acids, NO solvents and has a neutral Ph
 - Compatible with plastics, glass and metals.
 - Must not harm the blending unit
 - Must lubricate and protect wear parts, reducing [ump rebuilds,
 - May be used weekly
- **CONTAINERS**
 - 55-gallon drums
 - Delivery time is from 7:00 AM - 2:30 PM, Monday through Friday.

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DETAILED SPECIFICATIONS FOR DEFOAMER (ITEM # 4)

- **BFI-777- DEFOAMER – NON-HAZARDOUS - CLEAN WATERS, INC.**
 - Effective on biological foam found in digestors, equalization basins, flumes, and effluent outfall.
 - Contains no liquid hydrocarbons that cause oily sheen on river outfall

- **RECOMMENDED USAGE LEVELS**
 - **For outfall applications-**
 - Summertime dosages may range from 0.5 to 10 PPM based on the loading of the system
 - Winter months- typical dosages will range from 1 to 20 PPM
 - **For Flumes and Equalization Basins-**
 - dosages may range from 30 to 100 PPM

- **STORAGE AND HANDLING**
 - Product does NOT separate upon storage
 - Does NOT require stirring prior to use
 - Shelf life is greater than one (1) year.
 - Product will freeze above 50 degrees Fahrenheit

SAFETY DATA SHEET

1. Identification

Product identifier ProChlo, Calcium Hypochlorite

Other means of identification

SDS number -

Recommended use Disinfection is swimming pools and drinking water, treatment of industrial cooling water, slime control, odor control, sewage and waste water treatment.

Recommended restrictions Use in accordance with supplier's recommendations.

Manufacturer/Importer/Supplier/Distributor information

Company name Chemrite, Inc.
Address 5202 Belle Wood Ct., Ste 104
Buford, GA 30518 USA
Telephone 770-271-5576
E-mail info@chemrite.com
Website www.chemrite.com
Emergency Telephone For Hazardous Materials [or Dangerous Goods] Incidents ONLY
(spill, leak, fire, exposure or accident), call CHEMTREC at
CHEMTREC®, USA: 001 (800) 424-9300
CHEMTREC®, Canada: 001 (703) 527-3887

2. Hazard(s) identification

Physical hazards	Oxidizing solids	Category 2
Health hazards	Acute toxicity, oral	Category 4
	Skin corrosion/irritation	Category 1B
	Serious eye damage/eye irritation	Category 1
	Specific target organ toxicity, single exposure	Category 3 (Respiratory Tract irritation)
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 1
	Hazardous to the aquatic environment, long-term hazard	Category 1
OSHA defined hazards	Not classified.	

Label elements



Signal word Danger

Hazard statement May intensify fire; oxidizer. Harmful if swallowed. Causes severe skin burns and eye damage. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention Keep away from heat. Keep/Store away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles. Use only outdoors or in a well-ventilated area. Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Response In case of fire: Use water for extinction. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If exposed: Call a poison center/doctor. Collect spillage.

Storage	Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

3. Composition/information on ingredients

Substances

Chemical name	CAS number	%
Calcium Hypochlorite	7778-54-3	>65
Calcium Chlorate	10137-74-3	<2
Calcium Carbonate	471-34-1	<2
Calcium Hydroxide	1305-62-0	<2
Sodium Chloride	7647-14-5	<17

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation	Remove source of contamination or move victim to fresh air. If breathing has stopped, trained personnel should begin artificial respiration or, if the heart has stopped start CPR (cardiopulmonary resuscitation). Get medical attention immediately.
Skin contact	Take off immediately all contaminated clothing. Immediately flush skin with plenty of water. Wash contaminated clothing before reuse.
Eye contact	Immediately flush with plenty of lukewarm water for up to 20 minutes. Remove any contact lenses and open eyelids wide apart. Continue rinsing. Take care not to raise contaminated water into affected eye. Get medical attention immediately.
Ingestion	Never give anything by mouth if victim is rapidly losing consciousness, or if unconscious or convulsing. Have victim rinse mouth thorough with water. Have victim drink one cup (240-300ml 8-10 oz) to dilute material in stomach. Do not induce vomiting. If vomiting occurs naturally, rinse mouth and repeat administration of water. If breathing has stopped, trained personnel should begin artificial respiration or, if the heart has stopped cardiopulmonary resuscitation (CPR) immediately. Get medical attention immediately.

5. Fire-fighting measures

Means of Extinction:	Drench with water and cool surrounding products with water. Water in contact with hot hypochlorite can release hydrochloric acid or chlorine gas. Use appropriate self-fire extinguishing agents – Use water only.
	Flash Point and Methods of Determination: Not combustible (does not burn). Be aware that Calcium Hypochlorite can decompose violently at temperatures above 150° C. Releasing heat and oxygen gas.
Upper Flammable Limit:	Not applicable.
Lower Flammable Limit:	Not applicable.
Auto Ignition temperature:	Not applicable.
Hazardous combustions products:	Oxygen, Chlorine and Chlorine Monoxide
Protective Equipment:	In case of fire wear self-contained breathing apparatus. Use personal protective.

6. Accidental release measures

Personal precautions:	In case of violent reaction and ignition, ensure proper and adequate ventilation and remove all the resources of ignition. Use personal protective requirement and evacuate people to safe areas.
Environmental Precautions:	Ensure the production does not enter the drains and do not allow the material to contaminate ground water systems.
Methods of Clean up:	Protect from contamination and ensure the disposal is done promptly into the suitable containers.

7. Handling and storage

Precautions for safe handling:	Avoid generation dust. Avoid mixing pure material with contaminated material. Use smallest possible amounts in designated areas with adequate ventilation.
Conditions for safe storage:	Store in original containers. Keep container tightly closed in a clean, cool, open and well-ventilated place. Keep out of sun.

8. Exposure controls/personal protection

Engineering Controls:	Local exhaust ventilation required when exposure to dust occurs.
Precautions/Procedure In case of spill:	Restrict access to area until completion of clean up.
Personal Protective Equipment:	
Respiration Protection:	Wear dust mask or NIOSH approved type canister type respirator suitable for chlorine.
Eye/Face Protection:	Chemical safety goggles, face shields are necessary.
Skin Protection:	Use impervious gloves, body suite, boots, and/or other resistant protective clothing. Have safety shower/eye wash fountain readily available in the immediate work area.
Materials for Protective Clothing:	Butyl rubber, natural rubber, neoprene, nitrile/polyvinyl chloride, polyurethane, polyvinyl chloride.

9. Physical and chemical properties

Physical state	Solid granules
Appearance Form	White, free flowing granules with a strong chlorine odor.
Odor threshold	Not available.
pH	11.5 (5% Solution)
Specific gravity	2.050 – 2.20 @ 20°C (Water = 1 @ 4 °C)
Melting point/freezing point	Decomposes at temperature above 150°C
Boiling point	Not available.
Vapor Pressure	Not available.
Vapor Density	Not available.
Evaporation Rate	Not available.

10. Stability and reactivity

Reactivity	Calcium Hypochlorite should be kept away from household soap, paint products, sustain lotions, solvents, acid, beverages, lighted cigarettes, combustible material, garbage, dirt, rags, organic material and other pool chemicals. Mixing with any of the above material can initiate a hazardous decomposition of Calcium Hypochlorite. Calcium Hypochlorite should not be mixed with anything but water.
Chemical Instability	Heat, acids, and organic compounds may cause hazardous decomposition of Calcium Hypochlorite. Water added to container to container of Calcium Hypochlorite may generate enough heat to initiate the hazardous decomposition of material.
Ammonia, Urea and conditions of reactivity	From reactive and toxic chloramines
Acids	Release Chlorine gas
Metal Oxides	Can react violently
Hazardous decomposition	Chlorine and Oxygen

Hazardous Polymerization: Does not occur.

Comments: Calcium Hypochlorite is a strong oxidizing agent. Mix only into water contamination of the product may result in chemical reaction with generation of heat, liberation of hazardous gases and possible fire and explosion.

11. Toxicological information

Local effects: When contacted with skin and eyes, causes services caustic burns. If inhaled the corrosive and substances can lead to a toxic edema of lungs. Symptoms may be delayed causes throat pain and cough. Ingestion cause burns of the upper digestive and respiratory tracts if swallowed.

Acute Inhalation LC50: (rat) no mortality at 3.5 mg/l (1 hour). Slight to very low toxicity

Acute Dermal LD50: (rabbit) >1000 mg/kg. Slight to very low toxicity

Acute Oral LD50: (rat) 850 mg/kg. Slight to very low toxicity

Carcinogenicity Toxicity: Not available.

Reproductive Toxicity: Not available.

Mutagenicity: Not available.

12. Ecological information

Ecotoxicity LC50: 0.088mg/L996hr bluegill sunfish – very toxic to aquatic organisms. Make sure not to allow the material contaminate the ground water system.

Environmental fate:

Mobility: Soluble.

Biodegradation: Not available.

Bioaccumulation: Not available.

Physical / Chemical:

Hydrolysis: Not available.

Photolysis: Not available.

Additional information: Not available.

13. Disposal considerations

Clean-up: Do not touch spilled material. Prevent material from entering sewers or confined place. Shovel into clean, dry, labeled containers. Flush area with water. Contaminated materials may be dissolved in water, then treated with a reducing agent such as sodium sulphite. Care should be taken while handling contaminated material due to fire risk.

Waste Disposal: Consult appropriate Federal, State/Provincial and local regulatory authorities to ascertain proper disposal procedures. Care should be taken not to mix waste Calcium Hypochlorite with incompatible material. Calcium Hypochlorite should be dissolved in water and the available chlorine should be treated using a reducing agent such as Sodium Sulphite.

14. Transport Information

DOT

UN number: UN3487
UN proper shipping name: Calcium Hypochlorite, Hydrated
Hazard Class: 5.1
Subsidiary risk: 8
Packing group: II
USA – RQ, Hazardous Substance and Quantity: 10 lbs. / 4.5 kg. (Calcium Hypochlorite)
Marine Pollutant: Regular

ICAO/IATA:

UN number: UN3487
UN proper shipping name: Calcium Hypochlorite, Hydrated
Hazard Class: 5.1
Subsidiary risk: 8
Packing group: II

IMDG:

UN number UN3487
UN proper shipping name Calcium Hypochlorite, Hydrated
Class 5.1
Subsidiary risk 8
Packing group II

15. Regulatory information:

EC Labeling Requirements: The product is classified and labeled in accordance with EC directives or respective national laws.

US Federal Regulations

ProChlo	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

Contains: Calcium Hypochlorite (231-908-7)

Danger Indications:

O – Oxidizing

C – Corrosive

N – Dangerous Environment



R8 – Contact with combustible material may cause fire.

R22 – Harmful if swallowed

R31 – Contact with acids liberates toxic gas

R34 – Causes burns

R50 – Very toxic to aquatic organisms

Safety Phrases:

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S45 – In case of accident or if you feel unwell, seek medical advice immediately

S61 – Avoid release to the environment. Refer to special instructions.

S36/37/39 – Wear suitable protective clothing, gloves, and eye/face protection.

S ½ – Keep locked-up and out of the reach of children.

16. Other Information:

Other Information:

UL Drinking Water Treatment Chemicals Listing- calcium hypochlorite is certified for maximum use at 13mg/L under ANSI/NSF Standard 60.

Risk Phrases:

R8 – Contact with combustible material may cause fire.

R22 – Harmful if swallowed

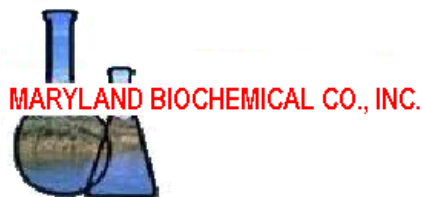
R31 – Contact with acids liberates toxic gas

R34 – Causes burns

R50 – Very toxic to aquatic organisms

Disclaimer

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change and, therefore, holders and users should satisfy themselves that they are aware of all current data and regulations relevant to their particular use of product. CHEMRITE, INC. DISCLAIMS ALL LIABILITY FOR RELIANCE ON THE COMPLETENESS OR ACCURACY OR THE INFORMATION INCLUDED HEREIN. CHEMRITE, INC. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE OR PURPOSE OF THE PRODUCT DESCRIBED HEREIN. All conditions relating to storage, handling, and use of the product are beyond the control of Chemrite, Inc., and shall be the sole responsibility of the holder or user of the product.



Safety Data Sheet

MB-012SF

1. Identification

Product Name: MB-012SF
Generic Name: Water-Based Organic Emulsion
Use & Restrictions: Antifoam / Defoamer
Manufacturer: Maryland Biochemical Co., Inc.
712 Tobacco Run Drive
Bel Air, MD 21015

EMERGENCY CONTACT: 410-734-9100 -- Corporate Office

2. Hazard(s) Identification

Hazard Classification: This is not a hazardous chemical according to OSHA GHS regulation 29 C.F.R. 1910.1200.
Signal Word: NA
Hazard Statement(s): NA
Precautionary Statement(s): NA
Prevention: NA
Response: NA
Storage: NA
Disposal: NA

3. Composition/Information on Ingredients

<u>Chemical name</u>	<u>CASRN</u>	<u>Weight %</u>
Non-hazardous product	-	-

4. First-aid measures

Skin: Wash exposed areas with soap and water. Remove contaminated clothing while washing continuously. Discard contaminated clothing and shoes.

Eyes: Flush eyes with gently flowing water for a minimum of fifteen minutes. Check for and remove contact lenses. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If irritation develops, seek medical attention immediately.

Ingestion: If swallowed, dilute with two glasses of water. Seek medical attention immediately. INDUCE VOMITING ONLY UPON ADVICE OF A PHYSICIAN. Never give anything by mouth if victim is unconscious or having convulsions.

Inhalation: Move victim to fresh air. Assist in breathing, if necessary, and seek immediate medical attention.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

This product is water based and will not ignite at its boiling point of 212°F. This product will ignite when exposed to an ignition source while at a temperature at or above its flash point. Use carbon dioxide, dry chemical or alcohol-type foam or universal-type foams to extinguish flames. Water spray may be used to cool fire-exposed containers.

Hazards arising from product

Thermal breakdown of this product will evolve the following decomposition products: Oxides of carbon and hydrocarbon residues.

Protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus and protective clothing when combating a chemical fire in a confined area.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Remove spills promptly as they may make floors slippery. Several washes and/or the use of detergents may be necessary to completely clean any spill. Wear recommended protective equipment outlined in Section 8 of this document and provide adequate ventilation during clean-up.

Methods and materials for containment and cleaning up

Spills should be contained, solidified with absorbent, noncombustible material and placed in labeled containers for disposal. Material should be disposed of at a licensed facility. As supplied, this material is not regulated by RCRA or CERCLA.

7. Handling and storage

Precautions for safe handling

Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wash thoroughly after handling. Ensure that containers are properly secured prior to moving.

Safe Storage Conditions & Incompatibilities

Keep container closed during any storage. Protect from moisture and foreign materials. Keep away from heat, sparks, and open flames. Avoid direct sunlight and contact with oxidizing materials. Do not re-use this container. Store product away from combustible materials. **Product contains water and will freeze if internal temperature falls below 32°F.** For optimum storage conditions, store between 50°F and 95°F or in properly insulated structures.

8. Exposure controls/personal protection

Engineering Controls: General Ventilation is recommended.

Eye protection: Safety glasses with side shields are recommended as a minimum, but chemical goggles or a face shield provide better protection.

Skin protection: Skin contact should be minimized. Wash all affected areas prior to eating and at completion of handling. Contaminated clothing should be removed at completion of handling. Impervious gloves (butyl, neoprene, nitrile), coveralls or apron and boots are recommended.

Respiratory protection: None required under normal conditions of use.

9. Physical and chemical properties

Appearance:	White to off-white opaque liquid
Odor:	Mild odor
Odor threshold:	ND
pH:	7.5 -8.5 (neat)
Melting point:	ND
Freezing point:	32°F
Initial boiling point:	212°F
Boiling range:	ND
Flash point:	>100°C (>212°F) Setaflash Closed Tester ASTM D3278
Evaporation rate:	ND
Flammability (solid, gas):	Non-Flammable liquid
Upper/lower flammability or explosive limits:	ND
Vapor pressure:	ND
Vapor density:	ND
Relative density:	0.996 g/ml
Solubility(ies):	Dispersible in H ₂ O
Partition coefficient: n-octanol/water:	ND
Auto-ignition temperature:	ND
Decomposition temperature:	ND
Viscosity @25°C:	600-1400 cps (Brookfield RVT)
Pour Point:	35°F

10. Stability and reactivity

Reactivity:	Non-reactive when used under normal conditions.
Chemical stability:	Stable when used under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization will not occur under normal conditions.
Conditions to avoid:	None
Incompatible materials:	Strong oxidizing agents, strong acids, strong bases.
Hazardous decomposition products:	Hazardous decomposition will not occur under normal conditions.

11. Toxicological information

Routes of Exposure & Effects

Skin	Acute:	May cause slight skin irritation upon repeated or prolonged contact. Defatting of the skin or irritation. seen as local redness with possible mild discomfort.
	Chronic:	No chronic effects anticipated.
Eyes	Acute:	Exposure may cause mild transient irritation, redness, tearing and/or blurred vision.
	Chronic:	No chronic effects anticipated.
Ingestion	Acute:	May result in nausea/intestinal discomfort such as diarrhea or gastrointestinal irritation.
	Chronic:	No chronic effects anticipated.
Inhalation	Acute:	Not considered a hazard under normal use conditions.
	Chronic:	No chronic effects anticipated.

Carcinogenic, mutagenic and reprotoxic information:

Reproductive Effects: None Known
Mutagens: None Known
Carcinogens(NTP, IARC, OSHA): None Known

12. Ecological information

No data available at date of publish.

13. Disposal considerations

If product is discarded as supplied it is not considered a hazardous waste under RCRA, 40 CFR 261. Please dispose of in accordance with all local, state and federal regulations. It is recommended that the waste be incinerated or land filled at a licensed facility. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product.

14. Transport information

Department of Transportation: Not Regulated
TDG (Transportation of Dangerous Goods): Not Regulated

15. Regulatory information

U.S. Regulatory Information:

SARA 302 Threshold Planning Quantity: NA

SARA 304 Reportable Quantity: NA

SARA 311/312 Categories: NA

SARA 313 Supplier notification: As supplied, no chemical in this product exceeds the de minimis reporting level established by SARA Title III, Section 313 and 40 CFR 372.

CERCLA: As supplied, no chemical in this product is subject to the reporting requirements of CERCLA.

Listed on or exempt from the following national chemical inventories:

USA (TSCA)
Canada (DSL)

16. Other information

Date: May 14, 2015

HMIS:

Health	1	Flammability	1	Physical Hazard	0	Personal Protection	B
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Legend:

CASRN	Chemical Abstracts Service Registry Number
OSHA	Occupational Safety & Health Administration
PEL	Permissible Exposure Limit
ACGIH	American Conference of Governmental Industrial Hygienists
TLV	Threshold Limit Values
NA	Not Applicable
ND	Not Determined and/or No Data Available
NTP	National Toxicology Program
IARC	International Agency for Research on Cancer
SARA	Superfund Amendments and Reauthorization Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
TSCA	Toxic Substances Control Act

DEPARTMENT OF GENERAL SERVICES, PURCHASING DIVISION

Dr. Robert L. Yeager Health Center
50 Sanatorium Rd, Building A
Pomona, New York 10970
Phone: (845) 364-3820 Fax: (845) 364-3809
Email: purchasing@co.rockland.ny.us

Paul Brennan, FNIGP, NIGP-CPP, CPPO
Director of Purchasing

ADDENDUM # 1

RFB #: RFB-RC-2026-004
Chemicals for Wastewater Treatment Plant

The information in this addendum supersedes any contradictory information set forth in the contract documents. Acknowledge receipt of this addendum in the space provided on the signature page of the bid proposal. Failure to do so, may subject the bidder to disqualification. This addendum forms a part of the contract documents.

Question #1: How often does foaming occur?

Answer: Maybe 1 or 2 times per month if that.

Question #2: Is it a mild unsightly foam or a sewer issue with 6 plus inches of foam?

Answer: Only when drains clog, it gets high. Most of the time it is manageable.

Question #3: What color is it?

Answer: White

Question #4: Is the foam gritty or soapy bubble type foam?

Answer: Soapy bubble type

Question #5: Where does the foaming mostly occur?

Answer: Drains in dewatering building

Question #6: Foaming is typically caused by an underlying condition, what are these conditions? Is it being caused by filamentous bacteria? Is it from FOG? Organic overloading?

Answer: poor drainage or too much polymer. It is not caused by filamentous bacteria. Not from FOG, DO issues nor organic overloading.

Question #7 How long does the current defoamer take to knock down the foam and how long does the foam stay gone?

Answer: It works very quickly and keeps down for a while. It usually slows it down within first contact and keeps it down for maybe an hour before we dose it again.

SIGNED:

Paul J. Brennan

**PAUL J. BRENNAN, FNIGP, NIGP-CPP, CPPO
DIRECTOR OF PURCHASING**

ADDENDUM

1/9/26