

AGREEMENT FOR THE PURCHASE OF GOODS AND SERVICES

THIS AGREEMENT FOR THE PURCHASE OF GOODS AND SERVICES ("Agreement") is made _____, 2016, between Polydyne Inc. ("Contractor"), whose address is 1 Chemical Plant Road, Riceboro, GA 31323, and telephone number is 912-880-2034 and the City of Stockton, a municipal corporation ("City").

In consideration of the mutual promises set forth in this Agreement, the parties agree as follows:

1. Goods to be provided and services to be performed. Contractor shall provide the goods and perform the services as set forth on the attached Exhibit A incorporated herein by reference Contractor shall begin providing the goods/performing the services by July 1, 2016 and complete providing the goods/performing the services by June 30, 2017; provided, however, the parties may agree to change the beginning or ending date(s).

2. Compensation. For the goods and services under this Agreement, City shall pay Contractor the sum of \$9.18 per gallon, \$1.08 per pound for delivery of Polydyne WE-906.

3. Method of Payment. City shall pay Contractor within 30 days from the date Contractor's invoices are approved by the City Manager. Contractor shall submit monthly invoices.

4. Maintenance. Contractor shall maintain the goods as set forth in Exhibit A at a cost as set forth in Exhibit A. Contractor shall respond to calls for required maintenance from City personnel within 24 hours of the call; required maintenance occurs when the self check system fails to perform any of its functions. If Contractor is unable to resolve routine maintenance issues by phone within 48 hours, Contractor shall provide to City Operations personnel a resolution report indicating how and when the Contractor intends to resolve the issue. Within the period of the maintenance agreement, Contractor shall implement all software and firmware upgrades to the goods identified in Exhibit A at no cost to City. If software and firmware upgrades require a hardware upgrade, Contractor shall provide the upgraded hardware at no cost to the City. City personnel shall review and approve any upgrades prior to their installation.

5. Warranty. Contractor warrants that for one year the goods installed shall be free of defects in materials and workmanship. The one-year period shall begin upon the date the City provides in writing to Contractor acceptance of the goods. The warranty under this section shall provide coverage equal to or greater than those warranties that are customary in the industry and, at a minimum, include all parts and labor,

6. Indemnification. Contractor shall indemnify, save and hold harmless from and defend the City, members of the City Council and employees, agents and volunteers, against any and all claims, costs, demands, causes of action, suits, losses, and expense, including attorneys fees, arising from or out of acts or omissions of Contractor, its officials, employees, agents or sub-contractors, in connection with the goods and services that the Contractor is to

provide/performance under this Agreement, except where caused by the active or sole negligence of City, or City's willful misconduct.

7. Insurance. During the term of this Agreement, Contractor shall maintain in full force and effect at its own cost and expense the insurance coverage set forth on the attached Exhibit B and shall otherwise comply with the provisions of Exhibit B.

8. Business License. Prior to its execution of this Agreement, Contractor shall obtain a City business license.

9. Audit. City reserves the right to periodically audit all charges for good and services provided by Contractor.

10. Ownership of Goods. All goods accepted by the City shall be the property of the City.

11. Changes to the Agreement. This Agreement may not be modified except in writing by both parties.

12. Applicable Law. This Agreement shall be governed by the laws of the State of California and venue for any action brought in state court shall be in the Superior Court, County of San Joaquin, Stockton Branch or, for actions brought in federal court, the United States District Court for the Eastern District of California, Sacramento Division.

13. Non-Assignability. Contractor shall not assign or transfer this Agreement or any interest or obligation in this Agreement without the prior written consent of the City and then only upon such terms and conditions as City may set forth in writing.

14. Notices. All notices herein required shall be in writing and shall be sent certified or registered mail, postage prepaid, addressed as follows:

To Contractor: Polydyne Inc	To City:	City Manager
Attn: Mark Schlag		City of Stockton
1 Chemical Plant Road		425 N. El Dorado St.
Riceboro, GA 31323		Stockton, CA 95202

15. Conformance to Applicable Laws. Contractor shall comply with all applicable Federal, State and Municipal laws, rules and ordinances. Contractor shall not discriminate in the employment of persons or in providing services under this Agreement on the basis of any legally protected classification including race, color, national origin, sex or religion of such person.

16. Miscellaneous Provisions.

a. City may terminate this Agreement at any time by mailing notice to Contractor at the address first stated above. Contractor shall be paid for that portion of goods provided / services provided when notice is received.

b. Contractor shall not assign or transfer this Agreement.

c. In the performance of this Agreement, Contractor, its employees and agents shall have the status of an independent contractor and not as an employee of the City for any purpose.

d. If either City or Contractor waives a breach of this Agreement, such waiver shall not constitute a waiver of other or succeeding breaches of this Agreement.

e. This Agreement constitutes the entire understanding of the parties.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the date and year first above written.

CITY OF STOCKTON

CONTRACTOR NAME

KURT O. WILSON
CITY MANAGER

By: _____
Signature

Print name

Title: _____

[If Contractor is a corporation, signatures must comply with Corporations Code §313]

ATTEST:

APPROVED AS TO FORM

BONNIE PAIGE
CITY CLERK


JOHN LUEBBERKE
CITY ATTORNEY

STANDARD AGREEMENT, PAGE 1 OF 2
BAY AREA CHEMICAL CONSORTIUM
BID NO. 11-2016
SUPPLY AND DELIVERY OF
WATER AND WASTEWATER TREATMENT POLYMERS

Bay Area Chemical Consortium (BACC)
c/o Dublin San Ramon Services District
Regional Wastewater Treatment Facility
7399 Johnson Drive
Pleasanton, CA 94588

Dear Sirs:

I hereby agree to furnish water and wastewater treatment polymers identified in the attached bid forms, as solicited by the Bay Area Chemical Consortium (BACC), to one or more of the participating BACC Agencies.

Company: Polydyne Inc.
Address: 1 Chemical Plant Road
City, State, ZIP: Riceboro, GA 31323
Phone: (912) 880-2035
Email: PolyBidDpt@snfhc.com
Authorized Representative: Mark Schlag, Vice-President
Signature: 
Date: 4/1/2016

None Received
WE ACKNOWLEDGE RECEIVING ADDENDUM/ADDENDA NUMBER _____ THROUGH _____.

SPECIFIC DEVIATIONS (if applicable, attach additional sheets if necessary):

STANDARD AGREEMENT, PAGE 2 OF 2

BIDDER INFORMATION

1. Legal Name of Bidder: Polydyne Inc.
2. Bidder's Street Address: 1 Chemical Plant Road, Riceboro, GA 31323
3. Mailing Address: 1 Chemical Plant Road, Riceboro, GA 31323
4. Business Telephone: (912) 880-2035 Fax Number: (912) 880-2078
5. Type of Supplier:
 Sole Proprietor Partnership Corporation
 If Corporation, indicate State where incorporated: Delaware
6. Business License Number issued by the City where the Supplier's principal place of business is located.
 Number: 124940LGB Issuing City: City of Atlanta, GA
7. Supplier Federal Tax Identification Number: 34-1810283
8. Emergency Contact: Name: Rawlin Castro, Regional Manager
 Phone Number: (415) 218-6089
9. Order Contact: Name: James Addington, Customer Service Representative
 Address: 1 Chemical Plant Road, Riceboro, GA 31323
 Phone Number: (912) 880-2035 Fax Number: (912) 880-2078
 Email: PolyBidDpt@snfhc.com
10. References:
- | <u>Company/Agency Name</u> | <u>Contact Name</u> | <u>Phone Number</u> |
|---------------------------------|----------------------|-----------------------|
| 1) <u>City of Fresno, CA</u> | <u>Glenn Holder</u> | <u>(559) 621-5170</u> |
| 2) <u>City of Sunnyvale, CA</u> | <u>Bryan Berdeen</u> | <u>(408) 730-7261</u> |
| 3) <u>City of Hayward, CA</u> | <u>Ray Busch</u> | <u>(510) 293-5212</u> |
11. Chemical Manufacturer's name and address (if different from Bidder):
Polydyne Inc. is the chemical manufacturer.

**Non-Collusion Affidavit
To Be Executed By Bidder and Submitted With Bid**


State of GEORGIA)
~~California~~) ss.
County of LIBERTY)

Mark Schlag, being first duly sworn, deposes and says that he or she is
(Contractor's Authorized Representative)

Vice-President of Polydyne Inc. the party making the
(Title of Representative) (Contractor's Name)

Foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bid, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I declare under penalty of perjury under the laws of the state of California that the foregoing is true and correct.


Signature of: President, Secretary, Vice-President
Manager, Owner, or Representative

Subscribed and sworn to before me this, 1st Day of April, 20 16

Heather James
Signature of Notary Public In and For

My Commission Expires Dec. 14, 2019

The County of LIBERTY,
State of GEORGIA

All Signatures Must Be Witnessed By Notary

**BAY AREA CHEMICAL CONSORTIUM
BID FORM FOR BID NO. 11-2016, PAGE 1 OF 5**

Sealed bids must be enclosed in an envelope clearly marked:

**“BID FOR WATER AND WASTEWATER TREATMENT POLYMERS
BACC BID NO. 11-2016”**

And delivered to:

Louanne Ivy
Administrative Analyst – Operations
Dublin San Ramon Services District
Regional Wastewater Treatment Facility
7399 Johnson Drive
Pleasanton, CA 94588

No later than 9:00 A.M. PDT
Tuesday, April 5, 2016

Business Name:

Polydyne Inc.

Business Address

1 Chemical Plant Road

Riceboro, GA 31323

Telephone Number: (912) 880-2035

Facsimile Number: (912) 880-2078

Email Address: PolyBidDpt@snfhc.com

Authorized Representative (Please Print):

Mark Schlag, Vice-President

Date: 4/1/2016

- I. All costs except California State sales tax for the purchase of water and wastewater treatment polymers must be included in the amount shown below on this Bid Form, including any and all mill assessments, fees, excise taxes, transportation charges, etc. Any exceptions to the bid must be noted under Specific Deviations on the Standard Agreement. Bidders shall submit bids in both \$/gallon and \$/lb.**

BACC Agencies: North Bay Locations

BACC Agency	Qualified Product	Unit Price Per Gallon	Unit Price Per LB
Central Contra Costa Sanitary District	Polydyne Clarifloc WE-385	\$ <u>5.43</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.639</u> /LB
Central Contra Costa Sanitary District	Zetag 8819	\$ <u>N/A</u> /gallon	\$ _____ /LB
City of Martinez	CLAR-ION A7	\$ <u>N/A</u> /gallon	\$ _____ /LB
Contra Costa Water District	Polydyne Clarifloc C4410 or Equivalent	\$ <u>3.315</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.390</u> /LB
Contra Costa Water District	Polydyne N3300-P or Equivalent	\$ <u>N/A</u> /gallon *Dry Polymer	\$ <u>1.75</u> /LB
Delta Diablo	Polydyne WE-223 Dry Polymer	\$ <u>N/A</u> /gallon *Dry Polymer	\$ <u>1.75</u> /LB
Delta Diablo	Polydyne WE-363 Liquid Polymer	\$ <u>9.18</u> /gallon 8.5 Lbs/Gal.	\$ <u>1.08</u> /LB
Ironhouse Sanitary District	Polydyne WE-1265	\$ <u>9.18</u> /gallon 8.5 Lbs/Gal.	\$ <u>1.08</u> /LB
Town of Discovery Bay	Praestol K279FLX	\$ <u>N/A</u> /gallon	\$ _____ /LB

**BAY AREA CHEMICAL CONSORTIUM
BID FORM FOR BID NO. 11-2016, PAGE 2 OF 5**

BACC Agencies: East Bay Locations

BACC Agency	Qualified Product	Unit Price Per Gallon	Unit Price Per LB
City of Hayward	Polydyne WE-1265	\$ <u>5.78</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.680</u> /LB
City of Hayward	Polydyne C-6292	\$ <u>5.78</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.680</u> /LB
City of Hayward	Zetag 8818	\$ <u>N/A</u> /gallon	\$ _____ /LB
City of Hayward	Zetag 8816	\$ <u>N/A</u> /gallon	\$ _____ /LB
Oro Loma Sanitary District	Polydyne WE-200	\$ <u>7.225</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.850</u> /LB
Oro Loma Sanitary District	Polydyne WE-1265	\$ <u>7.225</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.850</u> /LB
Union Sanitary District	Polydyne C-6267	\$ <u>5.43</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.6390</u> /LB
Union Sanitary District	Polydyne WE-539	\$ <u>0.723</u> /gallon 8.41 Lbs/Gal.	\$ <u>0.086</u> /LB
Union Sanitary District	Zetag 8819	\$ <u>N/A</u> /gallon	\$ _____ /LB

BACC Agencies: South Bay Locations

BACC Agency	Qualified Product	Unit Price Per Gallon	Unit Price Per LB
City of Sunnyvale	Polydyne WE-717	\$ <u>5.43</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.639</u> /LB
City of Sunnyvale	Kemira Superfloc C-1599	\$ <u>N/A</u> /gallon	\$ _____ /LB
City of Sunnyvale	Zetag 8819	\$ <u>N/A</u> /gallon	\$ _____ /LB
Santa Clara Valley Water District	Polydyne Clarifloc A-6320	\$ <u>N/A</u> /gallon *Dry Polymer	\$ <u>1.40</u> /LB
Santa Clara Valley Water District	Polydyne Clarifloc C-308P	\$ <u>2.92</u> /gallon 8.6 Lbs/Gal.	\$ <u>0.340</u> /LB
Santa Clara Valley Water District	Polydyne Clarifloc N120P	\$ <u>12.25</u> /gallon 8.75 Lbs/Gal.	\$ <u>1.40</u> /LB

BACC Agencies: Tri- Valley Locations

City of Livermore	Kemira PAX-XL19	\$ <u>N/A</u> /gallon	\$ _____ /LB
City of Livermore	CalChem CC2000	\$ <u>N/A</u> /gallon	\$ _____ /LB

**BAY AREA CHEMICAL CONSORTIUM
BID FORM FOR BID NO. 11-2016, PAGE 3 OF 5**

BACC Agencies: Tri-Valley Locations Cont'd

BACC Agency	Qualified Product	Unit Price Per Gallon	Unit Price Per LB
City of Livermore	Zetag 8818	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
City of Livermore	Polydyne WE-200	\$ <u> 5.43 </u> /gallon 8.5 Lbs/Gal.	\$ <u> 0.639 </u> /LB
Dublin San Ramon Services District	Kemira PAX-XL8 - Bulk	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
Dublin San Ramon Services District	Jenfitch JC 1679	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
Zone 7 Water Agency	Aries Tek Ltd. Superflock A-100 Dry Anionic Polymer	N/A	\$ <u> </u> /55 LB BAG
Zone 7 Water Agency	Polydyne Clarifloc A-3310 Dry Anionic Polymer	\$ <u> N/A </u> /gallon * Dry Polymer	\$ <u> 1.75 </u> /LB
Zone 7 Water Agency	Nalco CatFloc LS - Bulk	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
Zone 7 Water Agency	Nalco CatFloc 8102 PLUS - Bulk	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
Zone 7 Water Agency	Polydyne Clarifloc C-308P 20%	\$ <u> 3.35 </u> /gallon 8.6 Lbs/Gal.	\$ <u> 0.390 </u> /LB
Zone 7 Water Agency	Kemira PAX-XL19	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
Zone 7 Water Agency	CalChem CC2000	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
Zone 7 Water Agency	Sumaclear 1000	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
Zone 7 Water Agency	Hyper+lon 1090	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
Zone 7 Water Agency	SWT 2000	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
Zone 7 Water Agency	Polydyne A210-P	\$ <u> 8.36 </u> /gallon 8.8 Lbs/Gal.	\$ <u> 0.950 </u> /LB
Zone 7 Water Agency	Nalclear 7766 Plus (totes)	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB
Zone 7 Water Agency	General Electric AE1115P	\$ <u> N/A </u> /gallon	\$ <u> </u> /LB

**BAY AREA CHEMICAL CONSORTIUM
BID FORM FOR BID NO. 11-2016, PAGE 4 OF 5**

BACC Agencies: Peninsula Locations

BACC Agency	Qualified Product	Unit Price Per Gallon	Unit Price Per LB
City of Daly City/North San Mateo County Sanitation District	Polydyne C-9530	\$ <u>9.18</u> /gallon 8.5 Lbs/Gal.	\$ <u>1.08</u> /LB
City of Daly City/North San Mateo County Sanitation District	Polydyne WE-267	\$ <u>N/A</u> /gallon * Dry Polymer	\$ <u>1.75</u> /LB
City of Daly City/North San Mateo County Sanitation District	Polydyne WE-289	\$ <u>6.048</u> /gallon 11.2 Lbs/Gal.	\$ <u>0.540</u> /LB
City of Daly City/North San Mateo County Sanitation District	Polydyne WE-526	\$ <u>9.18</u> /gallon 8.5 Lbs/Gal.	\$ <u>1.08</u> /LB
City of South San Francisco	Polydyne WE-527	\$ <u>5.78</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.680</u> /LB
City of South San Francisco	Polydyne WE-984	\$ <u>8.096</u> /gallon 8.8 Lbs/Gal.	\$ <u>0.920</u> /LB
City of South San Francisco	Zetag 8819	\$ <u>N/A</u> /gallon	\$ _____ /LB
Sewer Authority Mid-Coastside	Polydyne Clarifloc WE-250	\$ <u>9.18</u> /gallon 8.5 Lbs.Gal.	\$ <u>1.08</u> /LB

BACC Agencies: Central Valley Locations

BACC Agency	Qualified Product	Unit Price Per Gallon	Unit Price Per LB
City of Fresno	Polydyne Clarifloc WE-200	\$ <u>6.12</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.720</u> /LB
City of Merced	Polydyne WE-1338	\$ <u>5.78</u> /gallon 8.5 Lbs/Gal.	\$ <u>0.680</u> /LB
City of Merced	BASF Zetag 8868FS	\$ <u>N/A</u> /gallon	\$ _____ /LB
City of Merced	Kemira Superfloc 4518	\$ <u>N/A</u> /gallon	\$ _____ /LB
City of Stockton	Polydyne NW-127	\$ <u>1.01</u> /gallon 8.41 Lbs/Gal.	\$ <u>0.120</u> /LB
City of Stockton	Polydyne WE-906	\$ <u>9.18</u> /gallon 8.5 Lbs/Gal.	\$ <u>1.08</u> /LB
City of Stockton	CalChem CC2000	\$ <u>N/A</u> /gallon	\$ _____ /LB

**BAY AREA CHEMICAL CONSORTIUM
BID FORM FOR BID NO. 11-2016, PAGE 5 OF 5**

BACC Agencies: Sacramento Area Locations

BACC Agency	Qualified Product	Unit Price Per Gallon	Unit Price Per LB
City of Sacramento	Polydyne N3300-P	\$ <u> N/A </u> /gallon *Dry Polymer	\$ <u> 1.54 </u> /LB
City of Yuba City	NTU Technologies ProPac 9810	\$ <u> N/A </u> /gallon	\$ _____ /LB
City of Yuba City	Polydyne Clarifloc R-C-9530	\$ <u> 9.18 </u> /gallon 8.5 Lbs.Gal.	\$ <u> 1.08 </u> /LB

II. Bidders must submit all of the following, attached to this Bid Form:

- a. An affidavit of compliance to the appropriate American Water Works Association (AWWA) and/or National Sanitation Foundation (NSF) standard is required for all chemicals and polymers being provided for potable water treatment. Bidders must include a statement by the chemical manufacturer, signed by an authorized representative on letterhead stationery, attesting to the affidavit's validity. In lieu of submitting an affidavit of compliance with AWWA/NSF standards and a letter attesting to the affidavit's validity, a current printout from NSF.org is acceptable.
- b. A representative analysis of the chemical to be supplied, as prepared by a reputable outside laboratory or Bidder's in-house laboratory if ISO certified.
- c. Product Bulletin and Typical Properties.
- d. Safety Data Sheet (SDS).
- e. If applicable, the name, address, and contact information for the third party hauling company as well as an affidavit signed by the Bidder that the third party hauler can and will deliver the chemical to each and every participating BACC Agency.

WARRANTY STATEMENT

Polydyne Inc. warrants that all goods and services offered as part of Bid No. 11-2016 are readily available from the date of award through all mutually agreed upon option periods, and further guarantees replacement of any defective materials during said periods in conjunction with the statements on the Product Data Sheet and Safety Data Sheet.

Polydyne Inc. is dedicated to providing our customers with quality material on a timely basis. If at any time there are questions about Polydyne Inc. products or if technical assistance is required, please contact the Polydyne representative below:

Mr. Rawlin Castro, Regional Manager

24-Hour Contact

PH: (415) 218-6089

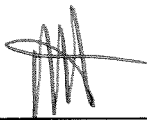
Customer Service: (800) 848-7659

Monday – Friday, 8:00 A.M. – 5:00 P.M., EST

AFFIDAVIT OF COMPLIANCE

Polydyne Inc. ("Polydyne") headquartered at One Chemical Plant Road, in Riceboro, Georgia, 31323 is a wholly owned subsidiary of SNF Holding Company ("SNFHC"). Polydyne is the largest supplier of water-soluble polymers to the municipal market in the United States. In addition to Polydyne, SNFHC operates nine manufacturing plants across the United States.

Polydyne Inc. hereby certifies that all Clarifloc products offered as part of Bid No. 11-2016 comply with all bid requirements, including delivery. These products also comply with all applicable AWWA specifications for purity as well as chemical and physical requirements.



Mark Schlag, Vice-President

Date: 4/1/2016

WRITTEN CONSENT OF THE BOARD OF DIRECTORS
OF POLYDYNE INC.

The undersigned, being all of the directors of Polydyne, Inc., a Delaware corporation (the "Corporation"), hereby approve and adopt the following resolutions by written consent:

Municipal Contract Authorization


RESOLVED, that Boyd Stanley, René Pich, Peter Nichols, James R. Carlson, Mark Schlag, Bobby Wise and Ken Luke be and hereby are authorized, empowered and directed to bid, in the name of and on behalf of the Corporation, upon such municipal projects as he may deem appropriate; and further

RESOLVED, that Boyd Stanley, René Pich, Peter Nichols, James R. Carlson, Mark Schlag, Bobby Wise and Ken Luke be and hereby are authorized and empowered to execute and deliver, in the name of and on behalf of the Corporation, all documents, instruments, certificates, agreements and papers as he may deem advisable or necessary or proper to effect the Corporation's municipal bids or the transactions contemplated thereby; and further


RESOLVED, that the President, Senior Vice President, Vice President, Secretary, Treasurer, and Assistant Secretary or Director of the Corporation be and hereby is authorized and empowered, and to the extent necessary or advisable, directed, to attest the execution of any document executed pursuant to these resolutions, and to affix the seal of the Corporation thereto, and to certify under seal to any municipality the adoption of these resolutions; and further

RESOLVED, that the authorizations granted under these resolutions shall expire on January 28, 2017.

IN WITNESS WHEREOF, the undersigned, constituting all of the directors of the Corporation, have executed this Consent the 28th day of January, 2015.



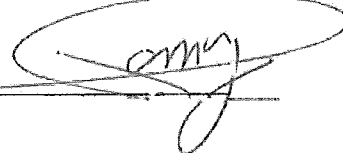
René Pich




Peter Nichols



René Hund

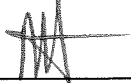


Pascal Remy



James R. Carlson

I attest to the authenticity of this copy of the Resolution of the Board of Directors. This resolution is still valid and in effect as of date signed.



Mark Schlag, Vice-President
Date: 4/1/2016

**Polydyne Inc.
General Information**

SS: 34-1810283

State of Incorporation: Delaware

Date of Incorporation: August 21, 1995

Administrative Offices: P.O. Box 279, 1 Chemical Plant Road
Riceboro, GA 31323

Payment Address: P.O. Box 404642
Atlanta, GA 30384-4642

Board of Directors

René Pich, Pascal Remy James R. Carlson, Peter Nichols, René Hund
--

Corporate Officers

President	Peter Nichols
Senior Vice-President, Secretary	James R. Carlson
Vice President Finance, Assistant Secretary, Treasurer	Mark Schlag

***Authorized Signers-Non Officers**

Boyd Stanley	Business Director
Bobby Wise	Controller
Ken Luke	Purchasing Director

Ownership Disclosure

Corporation	Percent Ownership	Owner
Polydyne Inc.	100	SNF Holding Company
SNF Holding Company	100	SPCM SA
SPCMSA	95	René Pich
	5	Other



Product Data

- NSF Listing
- Technical Bulletins
- Certificates of Analysis
- Safety Data Sheets



The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Wednesday, March 30, 2016** at 12:15 a.m. Eastern Time. Please contact NSF International to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information: <http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=polydyne&>

NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

Polydyne Inc.

P.O. Box 279
Riceboro, GA 31323
United States
800-848-7659
724-728-1847

Facility : Newell, PA

Poly (Diallyldimethylammonium Chloride)(pDADMAC)

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CLARIFLOC C-4410	Coagulation & Flocculation	100mg/L

Polydyne Incorporated

P.O. Box 279
Riceboro, GA 31323
United States
800-848-7659

Facility : # 88 USA

Polyaluminum Chloride[AL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® C-1100	Coagulation & Flocculation	250mg/L
Clarifloc® C-1200	Coagulation & Flocculation	250mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Polymer Blends

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® C-1000	Coagulation & Flocculation	307mg/L
Clarifloc® C-1050	Coagulation & Flocculation	307mg/L
Clarifloc® C-1051	Coagulation & Flocculation	307mg/L
Clarifloc® C-1052	Coagulation & Flocculation	307mg/L
Clarifloc® C-1200	Coagulation & Flocculation	200mg/L
Clarifloc® C-1250	Coagulation & Flocculation	200mg/L
Clarifloc® C-1251	Coagulation & Flocculation	200mg/L
Clarifloc® C-1252	Coagulation & Flocculation	200mg/L
Clarifloc® C-1253	Coagulation & Flocculation	200mg/L
Clarifloc® C-1400	Coagulation & Flocculation	200mg/L
Clarifloc® C-1450	Coagulation & Flocculation	200mg/L
Clarifloc® C-1451	Coagulation & Flocculation	200mg/L
Clarifloc® C-1452	Coagulation & Flocculation	200mg/L
Clarifloc® C-1453	Coagulation & Flocculation	200mg/L
Clarifloc® C-1454	Coagulation & Flocculation	200mg/L
Clarifloc® C-1500	Coagulation & Flocculation	200mg/L
Clarifloc® C-1550	Coagulation & Flocculation	200mg/L
Clarifloc® C-1551	Coagulation & Flocculation	200mg/L
Clarifloc® C-1600	Coagulation & Flocculation	100mg/L
Clarifloc® C-1650	Coagulation & Flocculation	100mg/L
Clarifloc® C-1651	Coagulation & Flocculation	100mg/L
Clarifloc® C-1700	Coagulation & Flocculation	200mg/L
Clarifloc® C-1750	Coagulation & Flocculation	200mg/L
Clarifloc® C-1751	Coagulation & Flocculation	200mg/L
Clarifloc® C-1752	Coagulation & Flocculation	200mg/L
Clarifloc® C-1753	Coagulation & Flocculation	200mg/L
Clarifloc® C-1754	Coagulation & Flocculation	200mg/L
Clarifloc® C-5100	Coagulation & Flocculation	200mg/L
Clarifloc® PRXA01	Coagulation & Flocculation	307mg/L
Clarifloc® PRXA02	Coagulation & Flocculation	307mg/L
Clarifloc® PRXA03	Coagulation & Flocculation	307mg/L
Clarifloc® PRXA04	Coagulation & Flocculation	307mg/L
Clarifloc® PRXA05	Coagulation & Flocculation	307mg/L
Clarifloc® PRXA06	Coagulation & Flocculation	200mg/L
Clarifloc® PRXA07	Coagulation & Flocculation	200mg/L
Clarifloc® PRXA08	Coagulation & Flocculation	200mg/L
Clarifloc® PRXA09	Coagulation & Flocculation	200mg/L
Clarifloc® PRXA10	Coagulation & Flocculation	200mg/L
Clarifloc® PRXA11	Coagulation & Flocculation	100mg/L
Clarifloc® PRXA12	Coagulation & Flocculation	100mg/L
Clarifloc® PRXA13	Coagulation & Flocculation	100mg/L
Clarifloc® PRXA14	Coagulation & Flocculation	100mg/L
Clarifloc® PRXA15	Coagulation & Flocculation	100mg/L

Clarifloc® PRXA16	Coagulation & Flocculation	50mg/L
Clarifloc® PRXA17	Coagulation & Flocculation	50mg/L
Clarifloc® PRXA18	Coagulation & Flocculation	50mg/L
Clarifloc® PRXA19	Coagulation & Flocculation	50mg/L
Clarifloc® PRXA20	Coagulation & Flocculation	50mg/L
Clarifloc® PRXB01	Coagulation & Flocculation	200mg/L
Clarifloc® PRXB02	Coagulation & Flocculation	200mg/L
Clarifloc® PRXB03	Coagulation & Flocculation	200mg/L
Clarifloc® PRXB04	Coagulation & Flocculation	200mg/L
Clarifloc® PRXB05	Coagulation & Flocculation	200mg/L
Clarifloc® PRXB06	Coagulation & Flocculation	100mg/L
Clarifloc® PRXB07	Coagulation & Flocculation	100mg/L
Clarifloc® PRXB08	Coagulation & Flocculation	100mg/L
Clarifloc® PRXB09	Coagulation & Flocculation	100mg/L
Clarifloc® PRXB10	Coagulation & Flocculation	100mg/L
Clarifloc® PRXB11	Coagulation & Flocculation	60mg/L
Clarifloc® PRXB12	Coagulation & Flocculation	60mg/L
Clarifloc® PRXB13	Coagulation & Flocculation	60mg/L
Clarifloc® PRXB14	Coagulation & Flocculation	60mg/L
Clarifloc® PRXB15	Coagulation & Flocculation	60mg/L
Clarifloc® PRXB16	Coagulation & Flocculation	40mg/L
Clarifloc® PRXB17	Coagulation & Flocculation	40mg/L
Clarifloc® PRXB18	Coagulation & Flocculation	40mg/L
Clarifloc® PRXB19	Coagulation & Flocculation	40mg/L
Clarifloc® PRXB20	Coagulation & Flocculation	40mg/L
Clarifloc® PRXB21	Coagulation & Flocculation	40mg/L
Clarifloc® PRXB22	Coagulation & Flocculation	40mg/L
Clarifloc® PRXB23	Coagulation & Flocculation	40mg/L
Clarifloc® PRXB24	Coagulation & Flocculation	40mg/L
Clarifloc® PRXB25	Coagulation & Flocculation	200mg/L
Clarifloc® PRXB26	Coagulation & Flocculation	200mg/L
Clarifloc® PRXB27	Coagulation & Flocculation	200mg/L
Clarifloc® PRXB28	Coagulation & Flocculation	200mg/L
Clarifloc® PRXB29	Coagulation & Flocculation	200mg/L
Clarifloc® PRXB30	Coagulation & Flocculation	100mg/L
Clarifloc® PRXB31	Coagulation & Flocculation	100mg/L
Clarifloc® PRXB32	Coagulation & Flocculation	100mg/L
Clarifloc® PRXB33	Coagulation & Flocculation	100mg/L
Clarifloc® PRXB34	Coagulation & Flocculation	100mg/L
Clarifloc® PRXB35	Coagulation & Flocculation	100mg/L
Clarifloc® PRXC01	Coagulation & Flocculation	200mg/L
Clarifloc® PRXC02	Coagulation & Flocculation	200mg/L
Clarifloc® PRXC03	Coagulation & Flocculation	200mg/L
Clarifloc® PRXC04	Coagulation & Flocculation	200mg/L
Clarifloc® PRXC05	Coagulation & Flocculation	200mg/L
Clarifloc® PRXC06	Coagulation & Flocculation	100mg/L
Clarifloc® PRXC07	Coagulation & Flocculation	100mg/L
Clarifloc® PRXC08	Coagulation & Flocculation	100mg/L
Clarifloc® PRXC09	Coagulation & Flocculation	100mg/L
Clarifloc® PRXC10	Coagulation & Flocculation	100mg/L

Clarifloc® PRXC11	Coagulation & Flocculation	60mg/L
Clarifloc® PRXC12	Coagulation & Flocculation	60mg/L
Clarifloc® PRXC13	Coagulation & Flocculation	60mg/L
Clarifloc® PRXC14	Coagulation & Flocculation	60mg/L
Clarifloc® PRXC15	Coagulation & Flocculation	60mg/L
Clarifloc® PRXC16	Coagulation & Flocculation	40mg/L
Clarifloc® PRXC17	Coagulation & Flocculation	40mg/L
Clarifloc® PRXC18	Coagulation & Flocculation	40mg/L
Clarifloc® PRXC19	Coagulation & Flocculation	40mg/L
Clarifloc® PRXC20	Coagulation & Flocculation	40mg/L
Clarifloc® PRXD01	Coagulation & Flocculation	200mg/L
Clarifloc® PRXD02	Coagulation & Flocculation	200mg/L
Clarifloc® PRXD03	Coagulation & Flocculation	100mg/L
Clarifloc® PRXD04	Coagulation & Flocculation	100mg/L
Clarifloc® PRXD05	Coagulation & Flocculation	100mg/L
Clarifloc® PRXD06	Coagulation & Flocculation	100mg/L
Clarifloc® PRXD07	Coagulation & Flocculation	100mg/L
Clarifloc® PRXD08	Coagulation & Flocculation	200mg/L
Clarifloc® PRXD09	Coagulation & Flocculation	200mg/L
Clarifloc® PRXD10	Coagulation & Flocculation	200mg/L

Polydyne Incorporated

P.O. Box 279
Riceboro, GA 31323
United States
800-848-7659

Facility : # 88 USA

Polymer Blends[AL] [PY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® 12781	Coagulation & Flocculation	40mg/L
Clarifloc® 12976	Coagulation & Flocculation	40mg/L
Clarifloc® 12980	Coagulation & Flocculation	40mg/L
Clarifloc® 13276	Coagulation & Flocculation	250mg/L
Clarifloc® 13280	Coagulation & Flocculation	40mg/L
Clarifloc® 13281	Coagulation & Flocculation	31mg/L
Clarifloc® 14476	Coagulation & Flocculation	142mg/L
Clarifloc® 14480	Coagulation & Flocculation	50mg/L
Clarifloc® 14481	Coagulation & Flocculation	50mg/L
Clarifloc® 14681	Coagulation & Flocculation	125mg/L
Clarifloc® C-1005	Coagulation & Flocculation	155mg/L
Clarifloc® C-1010	Coagulation & Flocculation	163mg/L
Clarifloc® C-1015	Coagulation & Flocculation	118mg/L
Clarifloc® C-1020	Coagulation & Flocculation	91mg/L
Clarifloc® C-1025	Coagulation & Flocculation	74mg/L

Clarifloc® C-1150H	Coagulation & Flocculation	40mg/L
Clarifloc® C-1309H	Coagulation & Flocculation	250mg/L
Clarifloc® C-2005	Coagulation & Flocculation	155mg/L
Clarifloc® C-2010	Coagulation & Flocculation	163mg/L
Clarifloc® C-2015	Coagulation & Flocculation	147mg/L
Clarifloc® C-2020	Coagulation & Flocculation	114mg/L
Clarifloc® C-2110	Coagulation & Flocculation	50mg/L
Clarifloc® C-2220H	Coagulation & Flocculation	125mg/L
Clarifloc® C-2238	Coagulation & Flocculation	50mg/L
Clarifloc® C-2317	Coagulation & Flocculation	142mg/L
Clarifloc® C-5025	Coagulation & Flocculation	163mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

[PY] Polyamines Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Polydyne Incorporated

P.O. Box 279

Riceboro, GA 31323

United States

800-848-7659

Visit this company's website (<http://www.polydyneinc.com>)

Facility : Los Angeles, CA

Poly (Diallyldimethylammonium Chloride)(pDADMAC)

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® C-308P	Coagulation & Flocculation	50 mg/L
Clarifloc® C-318	Coagulation & Flocculation	25 mg/L
Clarifloc® C-318P	Coagulation & Flocculation	25mg/L
Clarifloc® C-328	Coagulation & Flocculation	83mg/L
Clarifloc® C-338	Coagulation & Flocculation	50 mg/L
Clarifloc® C-348	Coagulation & Flocculation	25 mg/L
Clarifloc® C-358	Coagulation & Flocculation	50 mg/L
Clarifloc® C-368	Coagulation & Flocculation	29mg/L
Clarifloc® C-378	Coagulation & Flocculation	50mg/L
Clarifloc® C-388	Coagulation & Flocculation	100mg/L
Clarifloc® C-4410	Coagulation & Flocculation	100mg/L
Clarifloc® C-4411	Coagulation & Flocculation	91mg/L
Clarifloc® C-4412	Coagulation & Flocculation	83mg/L
Clarifloc® C-4413	Coagulation & Flocculation	77mg/L
Clarifloc® C-4414	Coagulation & Flocculation	72mg/L
Clarifloc® C-4415	Coagulation & Flocculation	67mg/L
Clarifloc® C-4416	Coagulation & Flocculation	62mg/L

Clarifloc® C-4417	Coagulation & Flocculation	59mg/L
Clarifloc® C-4418	Coagulation & Flocculation	56mg/L
Clarifloc® C-4419	Coagulation & Flocculation	53mg/L
Clarifloc® C-4420	Coagulation & Flocculation	50mg/L
Clarifloc® C-4422	Coagulation & Flocculation	46mg/L
Clarifloc® C-4424	Coagulation & Flocculation	42mg/L
Clarifloc® C-4426	Coagulation & Flocculation	39mg/L
Clarifloc® C-4428	Coagulation & Flocculation	36mg/L
Clarifloc® C-4430	Coagulation & Flocculation	33mg/L
Clarifloc® C-4435	Coagulation & Flocculation	29mg/L
Clarifloc® C-4440	Coagulation & Flocculation	25mg/L
Clarifloc® LF-3541	Coagulation & Flocculation	100 mg/L

Polyacrylamide[PC]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® A-6320	Coagulation & Flocculation	3mg/L
Clarifloc® N-120P	Coagulation & Flocculation	3mg/L
Clarifloc® N-6310	Coagulation & Flocculation	3 mg/L
FLOPAM™ EM 230 PWG	Coagulation & Flocculation	3mg/L
FLOPAM™ EM 235 PWG	Coagulation & Flocculation	3mg/L

[PC] Polyacrylamide Products Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Facility : Riceboro, GA**Miscellaneous Water Supply Products[1] [2]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Floperse 30 S	Well Cleaning Aid	NA
	Well Drilling Aid	

[1] This product is designed to be flushed out prior to using the system for drinking water. The well is to be properly flushed and drained before being placed into service. This product is to be used according to the manufacturer's use instructions.

[2] These products are designed to be flushed out prior to using the system for drinking water. Before being placed into service, the well is to be properly flushed according to the manufacturer's use instructions. Certification of these products is based on the well drilling model with the following assumptions:

- The amount of well drilling fluid used is 3780 L (1000 U.S. gallons) to which the drilling fluid has been added at the manufacturer's recommended level.
- The aquifer contains 3.1 million liters of water (815,000 gallons) based on a 0.5 acre aquifer of 6.1 meter depth (20 ft.) and 25% porosity.
- The bore hole is 61 meters in total depth (200 ft.), the screen is 6.1 meters in length (20 ft.), and the bore hole is 25.4 cm. in diameter (10 in.).
- The amount of well drilling fluid removed from the well during construction is equal to the combined volumes of the casing and the screen, plus an additional amount

removed through the well disinfection and development (90% removed).

- This product should not be used in constructing wells in highly porous formations, such as cavernous limestone.

Poly (Diallyldimethylammonium Chloride)(pDADMAC)

Trade Designation	Product Function	Max Use
Clarifloc® C-308P	Coagulation & Flocculation	50mg/L
Clarifloc® C-318	Coagulation & Flocculation	25mg/L
Clarifloc® C-328	Coagulation & Flocculation	83mg/L
Clarifloc® C-338	Coagulation & Flocculation	50mg/L
Clarifloc® C-348	Coagulation & Flocculation	25mg/L
Clarifloc® C-358	Coagulation & Flocculation	50mg/L
Clarifloc® C-368	Coagulation & Flocculation	29mg/L
Clarifloc® C-378	Coagulation & Flocculation	50mg/L
Clarifloc® C-388	Coagulation & Flocculation	100mg/L
Clarifloc® C-398	Coagulation & Flocculation	29mg/L
Clarifloc® C-4408	Coagulation & Flocculation	125mg/L
Clarifloc® C-4410	Coagulation & Flocculation	100mg/L
Clarifloc® C-4411	Coagulation & Flocculation	91mg/L
Clarifloc® C-4412	Coagulation & Flocculation	83mg/L
Clarifloc® C-4413	Coagulation & Flocculation	77mg/L
Clarifloc® C-4414	Coagulation & Flocculation	72mg/L
Clarifloc® C-4415	Coagulation & Flocculation	67mg/L
Clarifloc® C-4416	Coagulation & Flocculation	62mg/L
Clarifloc® C-4417	Coagulation & Flocculation	59mg/L
Clarifloc® C-4418	Coagulation & Flocculation	56mg/L
Clarifloc® C-4419	Coagulation & Flocculation	53mg/L
Clarifloc® C-4420	Coagulation & Flocculation	50mg/L
Clarifloc® C-4422	Coagulation & Flocculation	46mg/L
Clarifloc® C-4424	Coagulation & Flocculation	42mg/L
Clarifloc® C-4426	Coagulation & Flocculation	39mg/L
Clarifloc® C-4428	Coagulation & Flocculation	36mg/L
Clarifloc® C-4430	Coagulation & Flocculation	33mg/L
Clarifloc® C-4435	Coagulation & Flocculation	29mg/L
Clarifloc® C-4440	Coagulation & Flocculation	25mg/L
Clarifloc® LF-3541	Coagulation & Flocculation	100mg/L

Polyacrylamide[PC]

Trade Designation	Product Function	Max Use
Clarifloc® A-210P	Coagulation & Flocculation	3 mg/L
Clarifloc® A-3301	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3308	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3310	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3320	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3333P	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3340	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3360	Coagulation & Flocculation	1mg/L
Clarifloc® A-6270	Coagulation & Flocculation	3mg/L
Clarifloc® A-6320	Coagulation & Flocculation	3 mg/L

Clarifloc® A-6330	Coagulation & Flocculation	3 mg/L
Clarifloc® A-6335	Coagulation & Flocculation	3mg/L
Clarifloc® A-6340	Coagulation & Flocculation	1 mg/L
Clarifloc® A-6355	Coagulation & Flocculation	3mg/L
Clarifloc® A-6360	Coagulation & Flocculation	3 mg/L
Clarifloc® C-3203	Coagulation & Flocculation	1mg/L
Clarifloc® C-3205	Coagulation & Flocculation	1 mg/L
Clarifloc® C-3210	Coagulation & Flocculation	1 mg/L
Clarifloc® C-3223	Coagulation & Flocculation	1 mg/L
Clarifloc® C-3226	Coagulation & Flocculation	1mg/L
Clarifloc® C-3230	Coagulation & Flocculation	1 mg/L
Clarifloc® C-3257	Coagulation & Flocculation	1 mg/L
Clarifloc® C-3280	Coagulation & Flocculation	1 mg/L
Clarifloc® C-6203	Coagulation & Flocculation	1 mg/L
Clarifloc® C-6210	Coagulation & Flocculation	3 mg/L
Clarifloc® C-6215	Coagulation & Flocculation	3mg/L
Clarifloc® C-6220	Coagulation & Flocculation	3 mg/L
Clarifloc® C-6240	Coagulation & Flocculation	3 mg/L
Clarifloc® C-6260	Coagulation & Flocculation	3 mg/L
Clarifloc® C-6265 PWG	Coagulation & Flocculation	3mg/L
Clarifloc® C-6266 PWG	Coagulation & Flocculation	3mg/L
Clarifloc® N-120P	Coagulation & Flocculation	3 mg/L
Clarifloc® N-3300P	Coagulation & Flocculation	1 mg/L
Clarifloc® N-6310	Coagulation & Flocculation	3 mg/L

[PC] Polyacrylamide Products Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Polyamines[PY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® C-309P	Coagulation & Flocculation	20mg/L
Clarifloc® C-319	Coagulation & Flocculation	20mg/L
Clarifloc® C-329	Coagulation & Flocculation	13mg/L
Clarifloc® C-339	Coagulation & Flocculation	20mg/L
Clarifloc® C-349	Coagulation & Flocculation	13mg/L
Clarifloc® C-359	Coagulation & Flocculation	20mg/L
Clarifloc® C-379	Coagulation & Flocculation	13mg/L
Clarifloc® C-389	Coagulation & Flocculation	20mg/L
Clarifloc® C-399	Coagulation & Flocculation	20mg/L
FLOQUAT™ FL 3050 PWG	Coagulation & Flocculation	20mg/L
PRP 3050	Coagulation & Flocculation	20mg/L

[PY] Polyamines Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Sodium Polyacrylate[1] [2]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
--------------------------	-------------------------	----------------

Flosperse 30

Distillation Antiscalant
Reverse Osmosis Antiscalant

20mg/L

- [1] This product is designed to be flushed out prior to using the system for drinking water. The well is to be properly flushed and drained before being placed into service. This product is to be used according to the manufacturer's use instructions.
- [2] These products are designed to be flushed out prior to using the system for drinking water. Before being placed into service, the well is to be properly flushed according to the manufacturer's use instructions. Certification of these products is based on the well drilling model with the following assumptions:
- The amount of well drilling fluid used is 3780 L (1000 U.S. gallons) to which the drilling fluid has been added at the manufacturer's recommended level.
 - The aquifer contains 3.1 million liters of water (815,000 gallons) based on a 0.5 acre aquifer of 6.1 meter depth (20 ft.) and 25% porosity.
 - The bore hole is 61 meters in total depth (200 ft.), the screen is 6.1 meters in length (20 ft.), and the bore hole is 25.4 cm. in diameter (10 in.).
 - The amount of well drilling fluid removed from the well during construction is equal to the combined volumes of the casing and the screen, plus an additional amount removed through the well disinfection and development (90% removed).
 - This product should not be used in constructing wells in highly porous formations, such as cavernous limestone.

Facility : Dolton, IL**Poly (Diallyldimethylammonium Chloride)(pDADMAC)**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® C-308P	Coagulation & Flocculation	46mg/L
Clarifloc® C-318	Coagulation & Flocculation	25mg/L
Clarifloc® C-328	Coagulation & Flocculation	76mg/L
Clarifloc® C-378	Coagulation & Flocculation	50mg/L
Clarifloc® C-4408	Coagulation & Flocculation	125mg/L
Clarifloc® C-4410	Coagulation & Flocculation	92mg/L
Clarifloc® C-4411	Coagulation & Flocculation	91mg/L
Clarifloc® C-4412	Coagulation & Flocculation	76mg/L
Clarifloc® C-4413	Coagulation & Flocculation	77mg/L
Clarifloc® C-4414	Coagulation & Flocculation	72mg/L
Clarifloc® C-4415	Coagulation & Flocculation	67mg/L
Clarifloc® C-4416	Coagulation & Flocculation	62mg/L
Clarifloc® C-4417	Coagulation & Flocculation	59mg/L
Clarifloc® C-4418	Coagulation & Flocculation	56mg/L
Clarifloc® C-4419	Coagulation & Flocculation	53mg/L
Clarifloc® C-4420	Coagulation & Flocculation	46mg/L
Clarifloc® C-4422	Coagulation & Flocculation	46mg/L
Clarifloc® C-4424	Coagulation & Flocculation	42mg/L
Clarifloc® C-4426	Coagulation & Flocculation	39mg/L
Clarifloc® C-4428	Coagulation & Flocculation	36mg/L
Clarifloc® C-4430	Coagulation & Flocculation	33mg/L

Clarifloc® C-4435	Coagulation & Flocculation	29mg/L
Clarifloc® C-4440	Coagulation & Flocculation	25mg/L
Clarifloc® LF-3541	Coagulation & Flocculation	100mg/L

Facility : Plaquemine, LA

Polyacrylamide[PC]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc A-210P	Coagulation & Flocculation	3mg/L

[PC] Polyacrylamide Products Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Facility : Pearlinton, MS

Poly (Diallyldimethylammonium Chloride)(pDADMAC)

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® C-308P	Coagulation & Flocculation	50mg/L
Clarifloc® C-318	Coagulation & Flocculation	25mg/L
Clarifloc® C-328	Coagulation & Flocculation	83mg/L
Clarifloc® C-338	Coagulation & Flocculation	50mg/L
Clarifloc® C-348	Coagulation & Flocculation	25mg/L
Clarifloc® C-358	Coagulation & Flocculation	50mg/L
Clarifloc® C-368	Coagulation & Flocculation	29mg/L
Clarifloc® C-378	Coagulation & Flocculation	50mg/L
Clarifloc® C-388	Coagulation & Flocculation	100mg/L
Clarifloc® C-398	Coagulation & Flocculation	29mg/L
Clarifloc® C-4135	Coagulation & Flocculation	29mg/L
Clarifloc® C-4408	Coagulation & Flocculation	125mg/L
Clarifloc® C-4410	Coagulation & Flocculation	100mg/L
Clarifloc® C-4411	Coagulation & Flocculation	91mg/L
Clarifloc® C-4412	Coagulation & Flocculation	83mg/L
Clarifloc® C-4413	Coagulation & Flocculation	77mg/L
Clarifloc® C-4414	Coagulation & Flocculation	71mg/L
Clarifloc® C-4415	Coagulation & Flocculation	67mg/L
Clarifloc® C-4416	Coagulation & Flocculation	62mg/L
Clarifloc® C-4417	Coagulation & Flocculation	59mg/L
Clarifloc® C-4418	Coagulation & Flocculation	56mg/L
Clarifloc® C-4419	Coagulation & Flocculation	53mg/L
Clarifloc® C-4420	Coagulation & Flocculation	50mg/L
Clarifloc® C-4422	Coagulation & Flocculation	46mg/L
Clarifloc® C-4424	Coagulation & Flocculation	42mg/L
Clarifloc® C-4426	Coagulation & Flocculation	39mg/L
Clarifloc® C-4428	Coagulation & Flocculation	36mg/L
Clarifloc® C-4430	Coagulation & Flocculation	33mg/L

Clarifloc® C-4435	Coagulation & Flocculation	29mg/L
Clarifloc® C-4440	Coagulation & Flocculation	25mg/L
Clarifloc® LF-3541	Coagulation & Flocculation	100mg/L

Polyamines[PY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® C-309D	Coagulation & Flocculation	32mg/L
Clarifloc® C-309P	Coagulation & Flocculation	20mg/L
Clarifloc® C-319	Coagulation & Flocculation	20mg/L
Clarifloc® C-329	Coagulation & Flocculation	20mg/L
Clarifloc® C-339	Coagulation & Flocculation	20mg/L
Clarifloc® C-349	Coagulation & Flocculation	8mg/L
Clarifloc® C-359	Coagulation & Flocculation	20mg/L
Clarifloc® C-379	Coagulation & Flocculation	20mg/L
Clarifloc® C-389	Coagulation & Flocculation	20mg/L
Clarifloc® C-399	Coagulation & Flocculation	20mg/L
FLOQUAT™ FL 3050 PWG	Coagulation & Flocculation	20mg/L
PRP 3050	Coagulation & Flocculation	20mg/L

[PY] Polyamines Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Polydyne, Incorporated

P.O. Box 279
Riceboro, GA 31323
United States
800-848-7659
800-848-7659

Facility : # 15 USA

Polymer Blends[AL] [PY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® C-2005	Coagulation & Flocculation	400mg/L
Clarifloc® C-2015	Coagulation & Flocculation	333mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

[PY] Polyamines Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Facility : # 25 USA

Polyaluminum Chloride[AL]

Trade Designation	Product Function	Max Use
Clarifloc® C-1252	Coagulation & Flocculation	250mg/L
Clarifloc® C-1253	Coagulation & Flocculation	250mg/L
Clarifloc® C-1254	Coagulation & Flocculation	250mg/L
Clarifloc® C-1310	Coagulation & Flocculation	250mg/L
Clarifloc® C-1400	Coagulation & Flocculation	250mg/L
Clarifloc® C-1452	Coagulation & Flocculation	250mg/L
Clarifloc® C-1550	Coagulation & Flocculation	250mg/L
Clarifloc® C-1552	Coagulation & Flocculation	250mg/L
Clarifloc® C-1650	Coagulation & Flocculation	250mg/L
Clarifloc® C-1651	Coagulation & Flocculation	250mg/L
Clarifloc® C-1700	Coagulation & Flocculation	250mg/L

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

Number of matching Manufacturers is 5

Number of matching Products is 334

Processing time was 1 seconds

CLARIFLOC® WE-906 POLYMER

PRINCIPAL USES

CLARIFLOC WE-906 is a **medium** charge cationic polyacrylamide in emulsion form that is used as a flocculant in a wide variety of municipal wastewater treatment applications. It has been success-fully applied in all liquid/solids separation systems including clarifica-tion, thickening, and dewatering.

TYPICAL PROPERTIES

Physical Form	Clear to Milky White Liquid
Cationicity	50 %
Active Polyacrylamide Min.	41
Freezing Point	7 F. (-14 C.)
Density	8.5 Lbs/Gal
Viscosity (0.5% Sol'n)	500 - 700 cPs

PREPARATION AND FEEDING

CLARIFLOC WE-906 is a single component emulsion polymer that must be pre-diluted in water before use. In most cases, this product should not be applied neat. One method for dilution is adding the neat polymer into the vortex of a mixed tank at a concentration between 0.25-1.0% polymer (0.5% is optimum) by weight. The polymer can also be injected through a number of commercially available systems that provide in-line mechanical mixing. The best feed systems use initial high energy mixing (>1000 rpm) for a short time (<30 sec) to achieve good dispersion followed by low energy mixing (<400 rpm) for a longer time (10-30 min). Polymer solutions should be aged for 15-60 minutes for best results. Solution shelf life is 8-16 hours.

MATERIALS OF CONSTRUCTION

Cross-linked polyethylene, fiberglass, stainless steel or lined steel are the preferred materials of construction for bulk tanks. Avoid natural rubber and Buna-N gaskets as these materials swell when placed in contact with neat polymer. Unlined mild steel, black iron, galvanized steel, copper or brass are not recommended in any part of the feed system. Stainless steel, Viton or Teflon are the best choices for pump heads. For feed lines, use PVC or reinforced Tygon tubing.

MANUFACTURING SPECIFICATIONS

Total Solids	46.5 - 53.5 %
Residual AcAm	< 1000 ppm
Neat Viscosity	500 - 2000 cPs
UL Viscosity	3.3 - 4.3 cPs

HANDLING AND STORAGE

Suggested in-plant storage life is one year in unopened drums. For best results, store at 50-80 F. Bulk tanks should be mixed by periodically recirculating the contents bottom to top. Bulk tanks can also be fitted with an agitator type mixer that reaches the bottom 2 feet of the tank. Drums and bins should be mixed very well before first use and weekly after that. Do not allow emulsion polymers to freeze. Should freezing occur, allow the product to thaw thoroughly in a heated area and mix well before attempting to use it. For spills of CLARIFLOC WE-906, sprinkle vermiculite or equivalent absorbant over the spill area and sweep the material into approved chemical disposal containers. Do not spray water onto a spill because the resulting gel is very difficult to clean up.

SAFETY INFORMATION

CLARIFLOC WE-906 is a mildly acidic product that can irritate the skin and eyes and should be handled accordingly. Gloves, goggles and apron are highly recommended. Anyone responsible for the procure-ment, use or disposal of this product should familiarize themselves with the appropriate safety and handling precautions involved. Such information is outlined in the **POLYDYNE** Material Safety Data Sheet. In the event of an emergency with this product, contact Chemtrec anytime day or night at (800) 424-9300.

SHIPPING

CLARIFLOC WE-906 Polymer is shipped in 55 gallon drums containing 450 pounds net or in 275 gallon totes containing 2300 pounds net. Bulk quantities are also available.

ADDITIONAL INFORMATION

To place an order or obtain technical information from anywhere in the continental United States, call toll free:

(800) 848-7659

All statements, information and data given herein are believed to be accurate, but are presented without warranty expressed or implied. Statements concerning possible use are made without representation or warranty that any such use is free of patent infringement, and is not a recommendation to infringe on any patent. The user should not assume that all safety measures are indicated or that other measures may not be required. Any determination of the suitability of a particular product for any use contemplated by the user is the sole responsibility of the user.

CERTIFICATE OF ANALYSIS

POLYDYNE Inc.
ONE CHEMICAL PLANT ROAD
P.O. BOX 250
RICEBORO GA 31323



CUSTOMER NAME :
CITY OF STOCKTON, CA

OA #: 916911 - 1 - 1

STOCKTON UTI 000

CITY OF STOCKTON, CA
MUNICIPAL UTILITIES
2500 NAVY DRIVE
ATTN: STORES A/P
STOCKTON CA 95206
UNITED STATES

912099378755

RICHARD

POLYDYNE PRODUCT NAME : CLARIFLOC WE-906				
PURCHASE ORDER NR : 190194			DATE : 10/16/2015	
AMOUNT : 9200 LB				
			QUALITY CONTROL	QC
	UNIT	SPECIFICATION	BATCH NUMBER RC02/2989M	TEST
ACTIVE CONTENT	%	41	41	#
BULK VISCOSITY	cps	500 - 2000	653	1010 A
NON VOLATILE SOLIDS	%	46.5 - 53.5	47.5	1050 A
0,5% SOLUTION pH		2.5 - 5.0	3.9	1020 A
SPECIFIC GRAVITY	lbs/gal	1.01 - 1.05	1.04	1453 A
UL BROOKFIELD VISCOSITY	cps	3.30 - 4.30	3.87	1019 A
RESIDUAL MONOMER	ppm	0 - 999	5	1001 A
			Date : 10/16/2015 Signature Michele Skilang	

If the # symbol appears in the QC-TEST column, then the data on that line is given for information only, and does not constitute a specification.

SUP NR: OG-0098 REVISION: 04



SAFETY DATA SHEET

According to U.S. Code of Federal Regulations 29 CFR 1910.1200, Hazard Communication.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: **CLARIFLOC WE-906**

Type of product: Mixture.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Processing aid for industrial applications.

Uses advised against: None.

1.3. Details of the supplier of the safety data sheet

Company: Polydyne Inc.
1 Chemical Plant Road
PO BOX 279, Riceboro, GA 31323
United States

Telephone: 1-800-848-7659

Telefax: (912)-884-8770

E-mail address: -

1.4. Emergency telephone number

24-hour emergency number: 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to paragraph (d) of 29 CFR 1910.1200:

Not classified.

2.2. Label elements

Labelling according to paragraph (f) of 29 CFR 1910.1200:

SAFETY DATA SHEET

CLARIFLOC WE-906

Hazard symbol(s): None.

Signal word: None.

Hazard statement(s): None.

Precautionary statement(s): None.

2.3. Other hazards

Spills produce extremely slippery surfaces.

For explanation of abbreviations see Section 16.

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable, this product is not a substance.

Hazardous components**Distillates (petroleum), hydrotreated light**

Concentration/ -range: 20 - 30%

CAS Number: 64742-47-8

Classification according to paragraph (d)
of 29 CFR 1910.1200: Asp. Tox. 1;H304

Notes

Does not result in classification of the mixture if the kinematic viscosity is greater than 20.5 mm²/s measured at 40°C.

Poly(oxy-1,2-ethanediyl), α -tridecyl-w-hydroxy-, branched

Concentration/ -range: < 5%

CAS Number: 69011-36-5

Classification according to paragraph (d)
of 29 CFR 1910.1200: Acute Tox. 4;H302, Eye Dam. 1;H318

For explanation of abbreviations see section 16

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation:**

Move to fresh air. No hazards which require special first aid measures.

SAFETY DATA SHEET

CLARIFLOC WE-906

Skin contact:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In case of persistent skin irritation, consult a physician.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.

Ingestion:

Rinse mouth with water. Do NOT induce vomiting. Call a physician or poison control centre immediately.

4.2. Most important symptoms and effects, both acute and delayed

None under normal use.

4.3. Indication of any immediate medical attention and special treatment needed.

None reasonably foreseeable.

Other information:

None.

SECTION 5: Fire-fighting measures**5.1. Extinguishing media***Suitable extinguishing media:*

Water. Water spray. Foam. Carbon dioxide (CO₂). Dry powder.

Unsuitable extinguishing media:

None.

5.2. Special hazards arising from the substance or mixture*Hazardous decomposition products:*

Ammonia. Carbon oxides (CO_x). Nitrogen oxides (NO_x). Hydrogen chloride. Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

5.3. Advice for fire-fighters*Protective measures:*

Wear self-contained breathing apparatus and protective suit.

Other information:

Spills produce extremely slippery surfaces.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures***Personal precautions:*

Do not touch or walk through spilled material. Spills produce extremely slippery surfaces.

SAFETY DATA SHEET

CLARIFLOC WE-906

Protective equipment:

Wear adequate personal protective equipment (see Section 8 Exposure Controls/Personal Protection).

Emergency procedures:

Keep people away from spill/leak.

6.2. Environmental precautions

Do not contaminate water.

6.3. Methods and material for containment and cleaning up*Small spills:*

Do not flush with water. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

Large spills:

Do not flush with water. Dam up. Clean up promptly by scoop or vacuum.

Residues:

Soak up with inert absorbent material. After cleaning, flush away traces with water.

6.4. Reference to other sections

SECTION 7: Handling and storage; SECTION 8: Exposure controls/personal protection; SECTION 13: Disposal considerations;

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Avoid contact with skin and eyes. Renders surfaces extremely slippery when spilled. When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities.

Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material. Incompatible with oxidizing agents.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters***Occupational exposure limits:*

Distillates (petroleum), hydrotreated light

ACGIH: 200 mg/m³ (8-hour)

8.2. Exposure controls

SAFETY DATA SHEET

CLARIFLOC WE-906

Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas. Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Individual protection measures, such as personal protective equipment:*a) Eye/face protection:*

Safety glasses with side-shields.

b) Skin protection:

Wear coveralls and/or chemical apron and rubber footwear where physical contact can occur.

i) Hand protection:

PVC or other plastic material gloves.

c) Respiratory protection:

No personal respiratory protective equipment normally required.

d) Additional advice:

Wash hands and face before breaks and immediately after handling the product. Wash hands before breaks and at the end of workday.

Environmental exposure controls:

Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

<i>a) Appearance:</i>	Viscous liquid, Milky.
<i>b) Odour:</i>	Aliphatic.
<i>c) Odour Threshold:</i>	No data available.
<i>d) pH:</i>	4 - 6 @ 5 g/L
<i>e) Melting point/freezing point:</i>	< 5°C
<i>f) Initial boiling point and boiling range:</i>	> 100°C
<i>g) Flash point:</i>	Does not flash.
<i>h) Evaporation rate:</i>	No data available.
<i>i) Flammability (solid, gas):</i>	Not applicable.
<i>j) Upper/lower flammability or explosive limits:</i>	Not expected to create explosive atmospheres.
<i>k) Vapour pressure:</i>	2.3 kPa @ 20°C
<i>l) Vapour density:</i>	0.804 g/L @ 20

SAFETY DATA SHEET

CLARIFLOC WE-906

m) Relative density:	1.0 - 1.1
n) Solubility(ies):	Completely miscible.
o) Partition coefficient:	Not applicable.
p) Autoignition temperature:	Not applicable.
q) Decomposition temperature:	> 150°C
r) Viscosity:	> 20.5 mm ² /s @ 40°C
s) Explosive properties:	Not expected to be explosive based on the chemical structure.
t) Oxidizing properties:	Not expected to be oxidising based on the chemical structure.

9.2. Other information

None.

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Oxidizing agents may cause exothermic reactions.

10.4. Conditions to avoid

Protect from frost, heat and sunlight.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition productsThermal decomposition may produce: hydrogen chloride gas, nitrogen oxides (NO_x), carbon oxides (CO_x). Ammonia. Hydrogen cyanide (hydrocyanic acid).**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Information on the product as supplied:**

Acute oral toxicity: LD50/oral/rat > 5000 mg/kg.

SAFETY DATA SHEET

CLARIFLOC WE-906

<i>Acute dermal toxicity:</i>	LD50/dermal/rat > 5000 mg/kg
<i>Acute inhalation toxicity:</i>	The product is not expected to be toxic by inhalation.
<i>Skin corrosion/irritation:</i>	Non-irritating to skin.
<i>Serious eye damage/eye irritation:</i>	Not irritating. (OECD 437)
<i>Respiratory/skin sensitisation:</i>	Not sensitizing.
<i>Mutagenicity:</i>	Not mutagenic.
<i>Carcinogenicity:</i>	Not carcinogenic.
<i>Reproductive toxicity:</i>	Not toxic for reproduction.
<i>STOT - single exposure:</i>	No known effects.
<i>STOT - repeated exposure:</i>	No known effects.
<i>Aspiration hazard:</i>	Due to the viscosity, this product does not present an aspiration hazard.

Relevant information on the hazardous components:Distillates (petroleum), hydrotreated light

<i>Acute oral toxicity:</i>	LD50/oral/rat > 5000 mg/kg. (OECD 401)
<i>Acute dermal toxicity:</i>	LD50/dermal/rabbit > 5000 mg/kg (OECD 402)
<i>Acute inhalation toxicity:</i>	LC50/inhalation/4 h/rat = 4951 mg/m ³ . (OECD 403)
<i>Skin corrosion/irritation:</i>	Not irritating. (OECD 404) Repeated exposure may cause skin dryness or cracking.
<i>Serious eye damage/eye irritation:</i>	Not irritating. (OECD 405)
<i>Respiratory/skin sensitisation:</i>	By analogy with similar products, this product is not expected to be sensitizing. (OECD 406)
<i>Mutagenicity:</i>	Not mutagenic. (OECD 471, 473, 474, 476, 478, 479)
<i>Carcinogenicity:</i>	Carcinogenicity study in rats (OECD 451): Negative.
<i>Reproductive toxicity:</i>	By analogy with similar substances, this substance is not expected to be toxic for reproduction. NOAEL/rat = 300 ppm. (OECD 421)
<i>STOT - single exposure:</i>	No known effects.
<i>STOT - repeated exposure:</i>	NOAEL/oral/rat/90 days >= 3000 mg/kg/day (OECD 408) (Based on results obtained from tests on analogous products).
<i>Aspiration hazard:</i>	May be fatal if swallowed and enters airways.

SAFETY DATA SHEET

CLARIFLOC WE-906

Poly(oxy-1,2-ethanediyl), *n*-tridecyl-*w*-hydroxy-, branched

Acute oral toxicity:	LD50/oral/rat = 500 - 2000 mg/kg.
Acute dermal toxicity:	LD50/dermal/rabbit > 2000 mg/kg
Acute inhalation toxicity:	No data available.
Skin corrosion/irritation:	Not irritating. (OECD 404)
Serious eye damage/eye irritation:	Causes serious eye irritation. (OECD 405)
Respiratory/skin sensitisation:	The results of testing on guinea pigs showed this material to be non-sensitizing.
Mutagenicity:	Not mutagenic.
Carcinogenicity:	Not carcinogenic.
Reproductive toxicity:	Two-Generation Reproduction Toxicity (OECD 416) NOAEL/rat > 250 mg/kg/day Prenatal Development Toxicity Study (OECD 414) NOAEL/Maternal toxicity/rat > 50 mg/kg/day NOAEL/Developmental toxicity/rat > 50 mg/kg/day
STOT - single exposure:	No known effects.
STOT - repeated exposure:	NOAEL/oral/rat/600 days = 50 mg/kg/day
Aspiration hazard:	No known effects.

SECTION 12: Ecological information**12.1. Toxicity**Information on the product as supplied:

Acute toxicity to fish:	LC50/Fish/96 hours = 10 - 100 mg/L (Estimated)
Acute toxicity to invertebrates:	EC50/Daphnia/48 hours = 10 - 100 mg/L (Estimated)
Acute toxicity to algae:	Algal inhibition tests are not appropriate. The flocculation characteristics of the product interfere directly in the test medium preventing homogenous distribution which invalidates the test.
Chronic toxicity to fish:	No data available.
Chronic toxicity to invertebrates:	No data available.
Toxicity to microorganisms:	No data available.
Effects on terrestrial organisms:	No data available. Readily biodegradable, exposure to soil is unlikely.
Sediment toxicity:	No data available. Readily biodegradable, exposure to sediment is unlikely.

SAFETY DATA SHEET

CLARIFLOC WE-906

Relevant information on the hazardous components:Distillates (petroleum), hydrotreated light

Acute toxicity to fish:	LC0/Oncorhynchus mykiss/96 hours > 1000 mg/L. (OECD 203)
Acute toxicity to invertebrates:	EC0/Daphnia magna/48 hours > 1000 mg/L. (OECD 202)
Acute toxicity to algae:	IC0/Pseudokirchneriella subcapitata/72 hours > 1000 mg/L. (OECD 201)
Chronic toxicity to fish:	NOEC/Oncorhynchus mykiss/28 days > 1000 mg/L.
Chronic toxicity to invertebrates:	NOEC/Daphnia magna/21 days > 1000 mg/L.
Toxicity to microorganisms:	EC50/Tetrahymena pyriformis/ 48h > 1000 mg/L.
Effects on terrestrial organisms:	No data available.
Sediment toxicity:	No data available. Readily biodegradable, exposure to sediment is unlikely.

Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched

Acute toxicity to fish:	LC50/Cyprinus carpio/96 hours = 1 - 10 mg/L (OECD 203)
Acute toxicity to invertebrates:	EC50/Daphnia/48 hours = 1 - 10 mg/L (OECD 202)
Acute toxicity to algae:	IC50/Desmodesmus subspicatus/72 hours = 1 - 10 mg/L (OECD 201)
Chronic toxicity to fish:	No data available.
Chronic toxicity to invertebrates:	No data available.
Toxicity to microorganisms:	EC10/activated sludge/17 hours > 10000 mg/L (DIN 38412-8)
Effects on terrestrial organisms:	No data available.
Sediment toxicity:	No data available.

12.2. Persistence and degradabilityInformation on the product as supplied:

Degradation:	Readily biodegradable.
Hydrolysis:	At natural pHs (>6) the polymer degrades due to hydrolysis to more than 70% in 28 days. The hydrolysis products are not harmful to aquatic organisms.
Photolysis:	No data available.

Relevant information on the hazardous components:

SAFETY DATA SHEET

CLARIFLOC WE-906

Distillates (petroleum), hydrotreated light

Degradation: Readily biodegradable.

Hydrolysis: Does not hydrolyse.

Photolysis: No data available.

Poly(oxy-1,2-ethanediyl), α -tridecyl-w-hydroxy-, branched

Degradation: Readily biodegradable. > 60% / 28 days (OECD 301 B)

Hydrolysis: Does not hydrolyse.

Photolysis: No data available.

12.3. Bioaccumulative potentialInformation on the product as supplied:

The product is not expected to bioaccumulate.

Partition co-efficient (Log Pow): Not applicable.

Bioconcentration factor (BCF): No data available.

Relevant information on the hazardous components:Distillates (petroleum), hydrotreated light

Partition co-efficient (Log Pow): 3 - 6

Bioconcentration factor (BCF): No data available.

Poly(oxy-1,2-ethanediyl), α -tridecyl-w-hydroxy-, branched

Partition co-efficient (Log Pow): > 3

Bioconcentration factor (BCF): No data available.

12.4. Mobility in soilInformation on the product as supplied:

No data available.

Relevant information on the hazardous components:Distillates (petroleum), hydrotreated light

SAFETY DATA SHEET

CLARIFLOC WE-906

Koc: No data available.

Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched

Koc: > 5000

12.5. Other adverse effects

None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products:

Dispose in accordance with local and national regulations.

Contaminated packaging:

Rinse empty containers with water and use the rinse-water to prepare the working solution. If recycling is not practicable, dispose of in compliance with local regulations.

Recycling:

Store containers and offer for recycling of material when in accordance with the local regulations.

SECTION 14: Transport information

Land transport (DOT)

Not classified.

Sea transport (IMDG)

Not classified.

Air transport (IATA)

Not classified.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Information on the product as supplied:

TSCA Chemical Substances Inventory:

All components of this product are either listed on the inventory or are exempt from listing.

SAFETY DATA SHEET

CLARIFLOC WE-906

US SARA Reporting Requirements:

SARA (Section 311/312) hazard class:
Not concerned.

RCRA status :

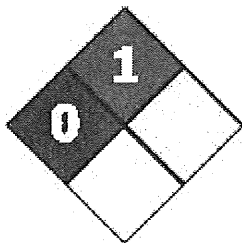
Not RCRA hazardous.

California Proposition 65 Information:

WARNING! This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm, Acrylamide.

SECTION 16: Other informationNFPA and HMIS Ratings:NFPA:

Health:	0
Flammability:	1
Instability:	0

HMIS:

Health:	0
Flammability:	1
Physical Hazard:	0
PPE Code:	B

This data sheet contains changes from the previous version in section(s):

SECTION 11. Toxicological information, SECTION 16. Other Information.

Key or legend to abbreviations and acronyms used in the safety data sheet:

Abbreviations

Acute Tox. 4 = Acute toxicity Category Code 4

Asp. Tox. 1 = Aspiration hazard Category Code 1

Eye Dam 1 = Serious eye damage/eye irritation Category Code 1

SAFETY DATA SHEET

CLARIFLOC WE-906

H-Phrases

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H318 - Causes serious eye damage

This SDS was prepared in accordance with the following:

U.S. Code of Federal Regulations 29 CFR 1910.1200

Version: 15.01.b

ENCC003

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

EXHIBIT B
Insurance Requirements
(Chemical Vendor - Polymer)

Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Contractor, their agents, representatives, employees or subcontractors.

MINIMUM SCOPE AND LIMIT OF INSURANCE

Coverage shall be at least as broad as:

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than **\$1,000,000** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. **Automobile Liability (AL):** ISO Form Number CA 00 01 covering any auto (Code 1) with combined single limits of liability of no less than **\$1,000,000** per accident for bodily injury and property damage, including **MCS90** endorsement form.
3. **Workers' Compensation:** as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than **\$1,000,000** per accident for bodily injury or disease.

If the contractor maintains higher limits than the minimums shown above, the City of Stockton requires and shall be entitled to coverage for the higher limits maintained by the contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City of Stockton.

Other Insurance Provisions

The insurance policies are to contain, or be endorsed to contain, the following provisions:

- ***Additional Insured Status***
The *City of Stockton, its Mayor, Council, officers, representatives, agents, employees and volunteers* are to be covered as additional insureds on the CGL and AL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance (**at**

least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10 and CG 20 37 if a later edition is used).

- **Primary Coverage**

For any claims related to this contract, the Contractor's insurance coverage shall be primary insurance as respects the *City of Stockton, its Mayor, Council, officers, representatives, agents, employees and volunteers*. Any insurance or self-insurance maintained by the *City of Stockton, its Mayor, Council, officers, representatives, agents, employees and volunteers* shall be excess of the Contractor's insurance and shall not contribute with it. The City of Stockton does not accept primary endorsements limiting the Contractor's insurance coverage to sole negligence.

- **Notice of Cancellation**

Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the City of Stockton.

- **Waiver of Subrogation**

Contractor hereby grants to the City of Stockton a waiver of any right to subrogation which any insurer of said Contractor may acquire against the City of Stockton by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City of Stockton has received a waiver of subrogation endorsement from the insurer.

- **Deductibles and Self-Insured Retentions**

Any deductibles or self-insured retentions must be declared to and approved by the City of Stockton Risk Services. The City of Stockton may require the Contractor to purchase coverage with a lower deductible or retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.

- **Acceptability of Insurers**

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII if admitted to do business in the State of California; If not admitted to do business in the State of California, insurance is to be placed with insurers with a current A.M. Best's rating of no less than A+:X.

- **Claims Made Policies**

If any of the required policies provide claims-made coverage:

- The Retroactive Date must be shown, and must be before the date of the contract or the beginning of contract work.

- If Claims Made policy form is used, a three (3) year discovery and reporting tail period of coverage is required after completion of work.
- **Verification of Coverage**

Contractor shall furnish the City of Stockton with original certificates and amendatory endorsements required by this clause. All certificates and endorsements are to be received and approved by the City of Stockton Risk Services before work commences. Failure to obtain the required documents prior to the work beginning shall not waive the Contractor's obligation to provide them. The City of Stockton reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time, for any reason or no reason.
- **Special Risks or Circumstances**

The City of Stockton reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other circumstances.
- **Certificate holder address**

Proper address for mailing certificates, endorsements and notices shall be:

 - City of Stockton
 - Attention: Risk Services
 - 425 N. El Dorado Street
 - Stockton, CA 95202

City of Stockton Risk Services Phone: 209-937-5037

City of Stockton Risk Services Fax: 209-937-8558

- **Maintenance of Insurance**

If at any time during the life of the Contract or any extension, the Contractor fails to maintain the required insurance in full force and effect, all work under the Contract shall be discontinued immediately. Any failure to maintain the required insurance shall be sufficient cause for the CITY to terminate this Contract.
- **Subcontractors**

If the Contractor should subcontract all or any portion of the work to be performed in this contract, the Contractor shall cover the sub-contractor, and/or require each sub-contractor to adhere to all subparagraphs of these Insurance Requirements section. Similarly, any cancellation, lapse, reduction or change of sub-contractor's insurance shall have the same impact as described above.