

ATTACHMENT 3

FORMAL QUOTE NO.: Q-120334

Originals

**LEE COUNTY, FLORIDA
PROPOSAL QUOTE FORM
FOR CORROSION/SCALE INHIBITOR
FOR UTILITIES WATER PLANTS**

DATE SUBMITTED: 6/25/12

VENDOR NAME: American Water Chemicals, Inc.

TO: The Board of County Commissioners
Lee County
Fort Myers, Florida

Having carefully examined the "General Conditions", and the "Detailed Specifications", all of which are contained herein, the Undersigned proposes to furnish the following which meet these specifications:

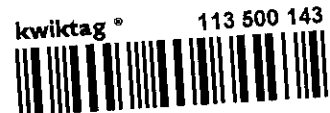
The undersigned acknowledges receipt of Addenda numbers:

NOTE: In order for your bid to be valid all quoted product information should be provided.

Lee County Utilities is looking to have between a .8ppm and 1.0ppm PO4 residual in the water leaving each treatment plant.

If the quoted product waives more or less than 15% of the PO4 content from the Nalco product please explain why you feel your product is an equal to the Nalco product. Also if any other required data waivers more or less that 15% please explain why.

See the spreadsheet below which needs to be filled out with all the data on the product being quoted and returned with the quote. If all the required information isn't filled out the quote may not be accepted. On the spreadsheet use the same units of measure that Nalco is using so the products can be compared.



CORROSION/SCALE INHIBITOR FOR UTILITIES WATER PLANTS

Quote Q-120334

AWC A-700

Required data	Nalco CL - 50	Quoted product information
Form	liquid	liquid
Density	11.4 - 11.8 lbs/gal	11.5 - 11.9
Specific gravity	1.37 - 1.42	1.40± 0.03
pH/neat	6.0 - 7.0	4.0 - 7.0
% PO4	32.50%	32.50%
NSF documentation	Yes/No	YES
Packaging	aprox 250 gal totes	275 gal totes
Solubility	complete	complete
Tote return, no charge	Yes/No	YES
Tote return policy	Yes/No	YES
Recommended dosage rate		3 ppm

\$ 0.399	Price/ea	Times 126,000 LBS	= \$ 50,274.00
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AWC A-792

Required data	Nalco 7395	Quoted product information
Form	powder	powder
Color	white	white
Odor	none	none
SG	2.5	1.25
Density	155.8 lbs/ft3	80 lb/ft3
pH 1% sol	10.1	6.5-7.1
Solubility	complete	complete
% PO4	72%	91%
NSF documentation	Yes/No	Yes
Packaging	50 lb bags	50 lb bags
Recommended dosage rate		1 ppm

\$ 1.099	Price/ea	Times 70,000 LBS	= \$ 76,930.00
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THE PRODUCTS ARE TO BE DELIVERED WITHIN 3-7 CALENDAR DAYS AFTER RECEIPT OF AWARD AND PURCHASE ORDER.

Is your firm interested in being considered for the Local Vendor Preference?

Yes _____ No x

If yes, then read the paragraph entitled "Local Vendor Preference" included in these specifications. Also complete the Local Vendor Preference Questionnaire and return with your quotation.

Quoters should carefully read all the terms and conditions of the specifications. Any representation of deviation or modification to the quote may be grounds to reject the quote.

Are there any modifications to the quote or specifications?

Yes _____ No x

Failure to clearly identify any modifications in the space below or on a separate page may be grounds for the quoter being declared nonresponsive or to have the award of the quote rescinded by the County.

MODIFICATIONS:

Quoter shall submit his/her quote on the County's Proposal Quote Form, including the firm name and authorized signature. Any blank spaces on the Proposal Quote Form, qualifying notes or exceptions, counter offers, lack of required submittals, or signatures, on County's Form may result in the Quoter/Quote being declared non-responsive by the County.

ANTI-COLLUSION STATEMENT

THE BELOW SIGNED QUOTER HAS NOT DIVULGED TO, DISCUSSED OR COMPARED HIS QUOTE WITH OTHER QUOTERS AND HAS NOT COLLUDED WITH ANY OTHER QUOTER OR PARTIES TO A QUOTE WHATSOEVER. NOTE: NO PREMIUMS, REBATES OR GRATUITIES TO ANY EMPLOYEE OR AGENT ARE PERMITTED EITHER WITH, PRIOR TO, OR AFTER ANY DELIVERY OF MATERIALS. ANY SUCH VIOLATION WILL RESULT IN THE CANCELLATION AND/OR RETURN OF MATERIAL (AS APPLICABLE) AND THE REMOVAL FROM THE MASTER BIDDERS LIST.

FIRM NAME

American Water Chemicals, Inc.

BY (Printed):

Rudy Canezo

BY (Signature):

TITLE: Treasurer

FEDERAL ID # OR S.S.# 95-4412808

ADDRESS:

1802 Corporate Center Lane

Plant City, FL 33563

PHONE NO.: 813-246-5448

FAX NO.: 813-623-6678

CELLULAR PHONE/PAGER NO.:

DUNS #: 00-268-2649

LEE COUNTY LOCAL BUSINESS TAX ACCOUNT NUMBER:

E-MAIL ADDRESS: inquiries@amh2ochem.com

DISADVANTAGED BUSINESS ENTERPRISE (DBE):

AFFIDAVIT CERTIFICATION
IMMIGRATION LAWS

SOLICITATION NO.: Q-120334 PROJECT NAME: Corrosion/Scale Inhibitor
for Utilities Water Plants

LEE COUNTY WILL NOT INTENTIONALLY AWARD COUNTY CONTRACTS TO ANY CONTRACTOR WHO KNOWINGLY EMPLOYS UNAUTHORIZED ALIEN WORKERS, CONSTITUTING A VIOLATION OF THE EMPLOYMENT PROVISIONS CONTAINED IN 8 U.S.C. SECTION 1324 a(e) {SECTION 274A(e) OF THE IMMIGRATION AND NATIONALITY ACT ("INA").

LEE COUNTY MAY CONSIDER THE EMPLOYMENT BY ANY CONTRACTOR OF UNAUTHORIZED ALIENS A VIOLATION OF SECTION 274A(e) OF THE INA. **SUCH VIOLATION BY THE RECIPIENT OF THE EMPLOYMENT PROVISIONS CONTAINED IN SECTION 274A(e) OF THE INA SHALL BE GROUNDS FOR UNILATERAL CANCELLATION OF THE CONTRACT BY LEE COUNTY.**

BIDDER ATTESTS THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: American Water Chemicals, Inc.
Signature: [Handwritten Signature] Title: Treasurer Date: 06/25/2012

STATE OF Florida
COUNTY OF Hillsborough

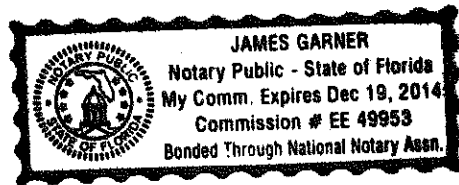
The foregoing instrument was signed and acknowledged before me this 25 day of June, 2012, by Rudy Canezo who has produced

(Print or Type Name)
FDL-C520-722-56-265-0 as identification.
(Type of Identification and Number)

[Handwritten Signature]
Notary Public Signature

James Garner
Printed Name of Notary Public

12-19-12
Notary Commission Number/Expiration



The signee of this Affidavit guarantees, as evidenced by the sworn affidavit required herein, the truth and accuracy of this affidavit to interrogatories hereinafter made. **LEE COUNTY RESERVES THE RIGHT TO REQUEST SUPPORTING DOCUMENTATION, AS EVIDENCE OF SERVICES PROVIDED, AT ANY TIME.**

ATTACHMENT A
LOCAL VENDOR PREFERENCE QUESTIONNAIRE
(LEE COUNTY ORDINANCE NO. 08-26)

Instructions: Please complete either Part A or B whichever is applicable to your firm

PART A: VENDOR'S PRINCIPAL PLACE OF BUSINESS IS LOCATED WITHIN LEE/COLLIER COUNTY (Only complete Part A if your principal place of business is located within the boundaries of Lee/Collier County)

1. **What is the physical location of your principal place of business that is located within the boundaries of Lee/Collier County, Florida?**

N/A

2. What is the size of this facility (i.e. sales area size, warehouse, storage yard, etc.)

PART B: VENDOR'S PRINCIPAL PLACE OF BUSINESS IS NOT LOCATED WITHIN LEE/COLLIER COUNTY OR DOES NOT HAVE A PHYSICAL LOCATION WITHIN LEE/COLLIER COUNTY (Please complete this section.)

1. How many employees are available to service this contract? 15

2. Describe the types, amount and location of equipment you have available to service this contract.

LOCAL VENDOR PREFERENCE QUESTIONNAIRE CONTINUED

3. Describe the types, amount and location of material stock that you have available to service this contract.

4. Have you provided goods or services to Lee County on a regular basis for the preceding, consecutive three years?

Yes _____ No _____

If yes, please provide your contractual history with Lee County for the past three, consecutive years. Attach additional pages if necessary.

LEE COUNTY PROCUREMENT MANAGEMENT - BIDDERS CHECK LIST

IMPORTANT: Please read carefully and return with your bid proposal.
Please check off each of the following items as the necessary action is completed:

- 1. The Quote has been signed.
- 2. The Quote prices offered have been reviewed.
- 3. The price extensions and totals have been checked.
- 4. The original (must be manually signed) and 1 additional copy of the quote has been submitted.
- 5. Two (2) identical sets of descriptive literature, brochures and/or data (if required) have been submitted under separate cover.
- 6. All modifications have been acknowledged in the space provided.
- 7. All addendums issued, if any, have been acknowledged in the space provided.
- 8. Erasures or other changes made to the quote document have been initialed by the person signing the quote.
- 9. Bid Bond and/or certified Check, (if required) have been submitted with the quote in amounts indicated.
- 10. Any Delivery information required is included.
- 11. Affidavit Certification Immigration Signed and Notarized
- 12. The mailing envelope has been addressed to:

MAILING ADDRESS	PHYSICAL ADDRESS
Lee County Procurement Mgmt.	Lee County Procurement Mgmt.
P.O. Box 398	1825 Hendry St 3 rd Floor
or	Ft. Myers, FL 33901
Ft. Myers, FL 33902-0398	
- 13. The mailing envelope **MUST** be sealed and marked with:
Quote Number
Opening Date and/or Receiving Date
- 14. The quote will be mailed or delivered in time to be received no later than the specified opening date and time. (Otherwise quote cannot be considered or accepted.)
- 15. If submitting a "NO BID" please write quote number here _____ and check one of the following:
 Do not offer this product Insufficient time to respond.
 Unable to meet specifications (why)
 Unable to meet bond or insurance requirement.
 Other: _____

Company Name and Address:
American Water Chemicals, Inc.
1802 Corporate Center Lane
Plant City, FL 33563

**PRODUCT LITERATURE AND
DOCUMENTATION**

**Proposal For
Lee County Board of County
Commissioners**

**Division of Procurement Management
Formal Quote No. Q-120334**

By

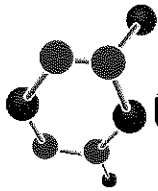
**American Water Chemicals, Inc.
1802 Corporate Center Lane
Plant City, FL 33563
Contact: Ana Maria Padgett
Tel: 813-246-5448**

**Bid Opening Date: June 26, 2012
Opening Time: 2:30 p.m.**

ORIGINAL

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Section 3.....	Certificate of Compliance Warranty Business References
Section 4.....	ISO Certification Sample Certificate of Insurance FL Certificate of Good Standing Business Tax Receipt



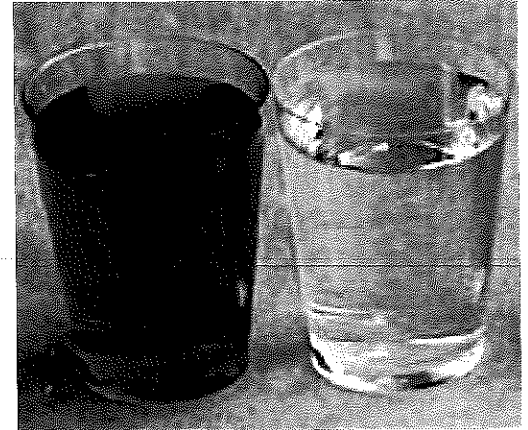
AWC

AMERICAN WATER CHEMICALS, INC.

AWC A-700 Water Distribution System Corrosion Inhibitor

Advantages

- AWC A-700 is a corrosion inhibitor for the treatment of potable water systems. When added to the supply water, AWC A-700 inhibits corrosion by forming a stable, evenly distributed protective film on the inside of distribution piping and metal surfaces.
- AWC A-700 inhibits corrosion of steel distribution system water lines, iron and galvanized piping, and lead and copper plumbing.
- AWC A-700 decreases the potential for THM formation when dosed with chlorine and protects against the release of asbestos or cement from water mains. It also substantially reduces leaching of lead from piping and lessens the occurrence of microbial-induced corrosion, providing longer system life.
- AWC A-700 saves money by reducing corrosion, lowering chlorine demand and decreasing hydrant flushing, leaks and failures.
- AWC A-700 has been approved by the National Sanitation Foundation (NSF) for the production of potable water in membrane separation processes.



Left: Untreated water distribution system resulting in red water at point of use.

Right: Water from a distribution system being treated with AWC A-700.

Typical Properties

Appearance	Clear colorless liquid
Odor	Odorless
Specific Gravity.	1.35 ± 0.05
pH (undiluted).	4 - 7

Chemical Feeding and Control

AWC A-700 is normally fed continuously to the system being treated by means of a chemical metering pump. In most applications, product is fed as a concentrate, without the necessity of dilution.

AWC A-700 dosing rate is based on water quality. The overall product applications and the specific chemical feed and control methods employed must be specified by the technical representative servicing the facility.

Safety and Handling

AWC A-700 in concentrated form may be toxic by ingestion. Do not take internally. If ingested, drink at least two (2) glasses of water and get immediate medical attention. Contact with eyes causes irritation. If eyes are contracted, immediately flush with clean water for 15 minutes and if irritation persists, get medical attention. In case of skin contact, wash with soap and water. For additional information, see the Material Safety Data Sheet provided with this product.

Packaging.

AWC A-700 is packaged in 275- Gal Totes, 55-Gal Drums and 5-Gal Pails. Other packaging is available by special order.

ISO 9001:2008 Certified Company



AWC A-700

AWC A-700

Section I – Company and Product Identification

AMERICAN WATER CHEMICALS 1802 CORPORATE CENTER LANE PLANT CITY, FL 33563	Telephone Number: (813)-246-5448 Chemtrec phone Number: U.S.: 1-800-424-9300 International: 1-703-527-3887 CCN1259
Date Prepared: June 7, 2009	Date Revised: November 23, 2011

Trade Name	AWC A-700
Product Family	Corrosion Inhibitor, Polyphosphate

Section II – Hazards Identification

Route(s) of Entry:	Inhalation? Yes	Skin? No	Ingestion? Yes
Health Hazards (Effects of Acute and Chronic Overexposure)			
Inhalation: May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.			
Eye Contact: May cause irritation, redness and pain.			
Skin Contact: May cause irritation. May cause inflammation and pain on prolonged contact, especially with moist skin.			
Ingestion (swallowing): Phosphates are slowly and incompletely absorbed when ingested, and seldom result in systemic effects. Such effects, however, have occurred. Symptoms may include vomiting, lethargy, diarrhea, blood chemistry effects, heart disturbances and central nervous system effects. The toxicity of phosphates is due to their ability to sequester calcium.			
Carcinogenicity: Not listed.	NTP? Not listed.	IARC Carcinogen? Not listed.	OSHA Regulated? No.
Other Signs and Symptoms of Overexposure: Kidney damage has been observed in rats following long-term ingestion of very high doses.			
Chronic Exposure: May sequester calcium and cause calcium phosphate deposits in the kidneys.			
Medical Conditions Generally Aggravated by Exposure: No information found.			

Section III - Hazard Ingredients/Composition Information

Information for specific product ingredients as required by the U.S. OSHA Hazard Communication Standard is listed.

Components (Specific Chemical Identity; Common Name(s))	CAS #	%
Polyphosphate, Sodium Salt	Proprietary	25-45%
Water	-	≥55 %

AWC A-700

Section IV – First Aid Procedures

Inhalation: Immediately remove to fresh air. If breathing has stopped, give artificial respiration or oxygen. See a physician if irritation of the eyes, skin or respiratory tract occurs.
Eye Contact: Immediately flush with plenty of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Call a physician. Remove material from skin and clothing. Remove contact lenses immediately if possible.
Skin Contact: Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Thoroughly wash before reuse or discard. Get medical help if irritation occurs.
Ingestion (Swallowing): If conscious, immediately give several glasses of water or milk. Do not induce vomiting. NEVER give anything by mouth to an unconscious person. Take immediately to hospital or physician.

Section V - Fire and Explosion Hazard Data

Flash Point (Method Used) Not Combustible	Flammable Limits: Not Flammable
Extinguishing Media: Water spray, dry chemical, CO ₂ , or other class B extinguishing agent. This material does not burn. Use extinguishing media appropriate to the surrounding fire conditions	
Special Fire Fighting Procedures and Protective Equipment: This material does not burn. Move containers from fire area if it can be done without risk. Otherwise, use water in flooding quantities as a spray or fog to keep fire-exposed containers cool and absorb heat to help prevent rupture. Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective equipment (Bunker Gear) will not provide adequate protection. Chemical resistant clothing (e.g. chemical splash suit and positive pressure self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) may be necessary.	
Unusual Fire and Explosion Hazards: Not Applicable	
Hazardous Decomposition or Combustion Byproducts: Not applicable	

Section VI – Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled: When handling spill and leaks, follow good industrial hygiene and safety practices as outlined in this document. Dispose of in compliance with local regulations pertaining to phosphates. In case of spills, prevent discharge to the environment (use dykes for large spills). Absorb spillage with earth, sand, clay, sawdust or other inert absorbent material which does not react with spilled chemical. Place all spilled material, contaminated sorbent materials, contaminated dirt, and other contaminated material in chemical waste container. Flush residual spill area with large amounts of water.
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Section VII - Precautions for Safe Handling and Storage

Precautions to Be taken in Handling and Storing (General): Empty drums as thoroughly as possible to facilitate disposal. Do not use with incompatible materials such as strong acids and strong bases. Label and avoid damaging containers. Maintain handling equipment. Practice good housekeeping. It is good practice to keep storage containers closed when not in use and when empty.
Ventilation: Provide ventilation to minimize exposure. Use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.
Other Precautions

AWC A-700

Do not get in eyes, on skin, or on clothing. Wash contaminated clothes and shoes before reuse or discard. Use with adequate ventilation. Handle with due care. Wash thoroughly with soap and water after handling phosphate solution and before eating or smoking. Wear proper protective equipment. Remove clothing, if it becomes contaminated. Do not taste or swallow. Keep container closed.

Section VIII – Exposure Controls and Personal Protection

Respiratory Protection (Specify Type) In cases where overexposure to mist may occur, use an approved NIOSH-MSHA mist respirator (N-95 or better). Consult respirator manufacturer to determine appropriate type of equipment for given application. The respirator use limitations specified by NIOSH/MSHA or the manufacture must be observed. Respiratory protection programs must be in compliance with 29CFR1910.134.					
Ventilation	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 5px;"> Local Exhaust Use local natural or mechanical exhaust ventilation to minimize exposure at sources of air contamination such as open process equipment. Engineering or administrative controls should be implemented to control mist </td> <td style="width: 40%; padding: 5px;"> Special N/A </td> </tr> <tr> <td style="padding: 5px;"> Mechanical (General) Use mechanical ventilation at sources of air contamination. </td> <td style="padding: 5px;"> Other Open process equipment. </td> </tr> </table>	Local Exhaust Use local natural or mechanical exhaust ventilation to minimize exposure at sources of air contamination such as open process equipment. Engineering or administrative controls should be implemented to control mist	Special N/A	Mechanical (General) Use mechanical ventilation at sources of air contamination.	Other Open process equipment.
Local Exhaust Use local natural or mechanical exhaust ventilation to minimize exposure at sources of air contamination such as open process equipment. Engineering or administrative controls should be implemented to control mist	Special N/A				
Mechanical (General) Use mechanical ventilation at sources of air contamination.	Other Open process equipment.				
Protective Gloves Wear impervious rubber or plastic gloves.	Eye Protection Wear chemical goggles and a face shield and have eyewash station immediately available.				
Other Protective Clothing or Equipment Eyewash facility and safety shower in immediate area. Use impervious chemical resistant aprons, sleeves, and other chemical resistant clothing and boots. Always clean protective equipment before reuse.					
Work/Hygienic Practices Always wash hands thoroughly with soap and water after handling chemicals and before eating or smoking. Wash immediately if skin is contaminated. Remove contaminated clothing promptly. Keep contaminated clothing in closed containers. Discard or launder before reuse. Inform laundry personnel of contaminant's hazards. Obey all federal, state and local regulations.					

Section IX - Physical/Chemical Characteristics

Boiling Point: >101°C (213°F)	Specific Gravity: 1.40± 0.03
Freezing Point: <0°C (32°F)	pH (1% sol'n): 4 – 7
Solubility in Water: Complete	Evaporation Rate: Same as water
Appearance and Odor: Clear liquid - colorless to slight yellow tint	
NR: NOT REQUIRED, NE: NOT ESTABLISHED, NA: NOT APPLICABLE	

Section X – Stability & Reactivity Data

Stability/Instability: Stable under normal conditions of storage and handling. Usually stable in alkaline aqueous solution, but breaks down (hydrolyzes) to orthophosphate under acidic conditions.
Incompatibility (Materials to Avoid): Strong Oxidizing Agents (eg. perchlorates, peroxides) and strong acids (eg. Sulfuric acid) - reaction may be violent. However, this product can safely be dosed into a water supply that contains dosage levels of oxidizers or acids that meet drinking water standards.
Conditions to Avoid: Do not expose to extreme temperatures
Hazardous Decomposition: When involved in a fire, the material may form toxic fumes of phosphorous oxides.
Hazardous Polymerization: Does not occur

AWC A-700

Section XI – Toxicological Information

Available data on closely related material indicates the following:
ORAL LD₅₀(Rats): =3053 mg/kg
Skin Irritation (rabbit, guinea pig): Negligible irritation and no visible tissue damage was observed after a 50% solution was applied to intact and abraded skin.
Acute Overexposure: Irritating to body tissue with which it comes into contact.
Chronic Overexposure: No known cases of chronic poisoning due to phosphate solutions have been reported. May sequester calcium and cause calcium phosphate deposits in the kidneys.
Carcinogenicity: None of the components have been classified as a carcinogen by OSHA, NTP, and IARC.
Medical Conditions Generally Aggravated by Exposure: Phosphate solution will cause further irritation of tissue, open wounds, burns or mucous membranes.

Section XII – Ecological Information

Biodegradation: No specific biodegradation data is available for this product.

Section XIII – Disposal Considerations

Always dispose of in accordance with federal, state and local regulations pertaining to phosphates. Consult your attorney or appropriate regulatory officials for information on such disposal. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.

Section XIV- Transport Information

D.O.T. Proper Shipping Name: N/A	
Technical class: Water treatment chemical	D.O.T. Hazard class: N/A
Identification No: N/A	Packing Group: N/A

Section XV – Regulatory Information

US Federal Regulations
TSCA:
All components in this product are listed on the TSCA inventory.
Health & Safety Reporting List:
None of the chemicals in this product are on the Health & Safety Reporting List.
Chemical Test Rules:
None of the chemicals in this product are under a Chemical Test Rule.
Section 12b:
None of the chemicals in this product are listed under TSCA Section 12b.
TSCA Significant New Use Rule:
None of the chemicals in this product have a SNUR under TSCA.
CERCLA Hazardous Substances and corresponding RQs:
None of the chemicals in this product have an RQ.
SARA Section 302 Extremely Hazardous Substances:
None of the chemicals in this product have a TPQ.
SARA Codes:
Acute
Section 313:
None of chemicals in this product are reportable under Section 313.
Clean Air Act:
This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 or Class 2 Ozone depletors.
Clean Water Act:
None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.

AWC A-700

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

State:

None of the chemicals in this product are present on state lists from CA, PA, WI, MA, or NJ.

California Prop 65:

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives:

Hazard Symbols: None

Risk Phrases: 22 Harmful if swallowed. 38 Irritating to skin

Safety Phrases: 2 Keep out of reach of children. 61 Avoid releases to the environment.

WGK (Water Danger/Protection): None

Canada - DSL/NDSL:

All components are listed on Canada's DSL List

Canada - WHMIS:

None of the components in this product could be classified as hazardous in accordance with the hazard criteria of the Controlled Products Regulations.

Canadian Ingredient Disclosure List:

None of the components in this product are listed on the Canadian Ingredient Disclosure List.

Potable Water Approval: This product is NSF/ANSI Standard 60 certified.

Section XVI – Other Information

HMIS RATINGS:

Health	Flammability	Reactivity	Special Notice
1	0	0	N/E

NFPA RATINGS:

Health	Flammability	Reactivity	Special Notice
1	0	0	N/E

SPECIAL HAZARD DESIGNATIONS KEY: 0-MINIMAL, 1-SLIGHT, 2-MODERATE, 3-SERIOUS, 4-SEVERE

Recommended uses and Restrictions: Keep container closed when not in use. Corrosive to metals, store in plastic or FRP tanks. Avoid breathing mist. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling.

The data contained in this Material Safety Data Sheet has been prepared based upon an evaluation of the ingredients contained in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be accurate. It is furnished to the customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure his employees are properly informed and advised of all safety precautions required. The information is furnished for compliance with the "Occupational Safety and Health Act" of 1970, the "Hazards Communication Act" of 1983 as well as various other Federal, State and Local regulations. Use or dissemination of all or part of this information for any other purpose is illegal.



NSF Product and Service Listings

These NSF Official Listings are current as of **Friday, May 04, 2012** 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://www.nsf.org/Certified/PwsChemicals/Listings.asp?>

[CompanyName=American+Water+Chemicals&TradeName=A%2D700&](http://www.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=American+Water+Chemicals&TradeName=A%2D700&)

NSF/ANSI STANDARD 60 Drinking Water Treatment Chemicals - Health Effects

American Water Chemicals, Inc.

American Engineering Services

9203 King Palm Drive

Suite A

Tampa, FL 33619

United States

888-217-8757

813-246-5448

Facility : Tampa, FL

Miscellaneous Corrosion Chemicals

Trade Designation

AWC A-700

Product Function

Corrosion & Scale Control

Max Use

28mg/L

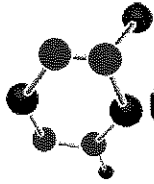
[ZN] Based on an evaluation of health effects data, the level of zinc in the finished drinking water shall not exceed 2.0 mg/L.

Number of matching Manufacturers is 1

Number of matching Products is 1

Processing time was 1 seconds

- [Search Listings](#) |
- [News Room](#) |



AWC A-792 Water Distribution System Corrosion and Scale Inhibitor

Advantages

- AWC A-792 is a corrosion and scale inhibitor for the treatment of potable water systems.
- AWC A-792 is a polyphosphate product designed for use with hard to moderately hard water - it inhibits scale formation through mechanisms of threshold inhibition and dispersion. It is not recommended for use with soft water.
- AWC A-792 inhibits corrosion of steel distribution system water lines, iron and galvanized piping, and lead and copper plumbing by combining with water hardness to form a stable, evenly distributed protective film on the inside of distribution piping and metal surfaces..
- AWC A-792 has been approved by the National Sanitation Foundation (NSF) for use in potable water.
- AWC A-792P is guaranteed by American Water Chemicals to meet the requirements of ANSI/AWWA B502-05, Standard for Glassy Sodium Polyphosphate.



Left: Untreated water distribution system resulting in red water at point of use.

Right: Water from a distribution system being treated with corrosion inhibitor.

Typical Properties

Appearance	Fine white powder
Odor	Odorless
Density (g/cm ³)	2.45 ± 0.2
pH (1% solution)	6.5 ± 1

Chemical Feeding and Control

AWC A-792 is normally fed continuously to the system being treated by means of a chemical metering pump. In most applications, product is fed as a concentrate, without the necessity of dilution.

AWC A-792 dosing rate is based on water quality. The overall product applications and the specific chemical feed and control methods employed must be specified by the technical representative servicing the facility.

Safety and Handling

AWC A-792 in concentrated form may be toxic by ingestion. Do not take internally. If ingested, drink at least two (2) glasses of water and get immediate medical attention. Contact with eyes causes irritation. If eyes are contracted, immediately flush with clean water for 15 minutes and if irritation persists, get medical attention. In case of skin contact, wash with soap and water. For additional information, see the Material Safety Data Sheet provided with this product.

Packaging

AWC A-792 is available in 50 lb bags and 2000 lb super sacks. It can also be packaged in 50 lb, 100 lb or 400 lb plastic containers.

ISO 9001:2008 Certified Company



AWC A-792P

AWC A-792P

Section I – Company and Product Identification

AMERICAN WATER CHEMICALS 1802 CORPORATE CENTER LANE PLANT CITY, FL 33563	Telephone Number: (813)-246-5448 Chemtrec phone Number: U.S.: 1-800-424-9300 Contract # 1259 Intl: 1-703-527-3887
Date Prepared: June 7, 2009	Date Revised: 03/20/2012

Trade Name	AWC A-792 P
Product Family	Corrosion Inhibitor, Sodium Hexametaphosphate

Section II - Hazard Ingredients/Composition Information

Information for specific product ingredients as required by the U.S. OSHA Hazard Communication Standard is listed.

Components (Specific Chemical Identity; Common Name(s))	CAS #	%
Glassy Polyphosphate, Sodium Salt	68915-31-1	100

Section III – Hazards Identification

Route(s) of Entry:	Inhalation? Yes	Skin? No	Ingestion? Yes
Health Hazards (Effects of Acute and Chronic Overexposure)			
Inhalation: Dust or mists from solutions can probably cause irritation of the nose and throat. High concentrations may cause coughing and choking. There is no human or animal information available, but is probably irritating because it is moderately alkaline.			
Eye Contact: Dust or mist from solutions may cause eye irritation and pain, based on its moderate alkalinity. There is no human or animal information available.			
Skin Contact: No effects are expected if it is promptly rinsed off skin.			
Ingestion (Swallowing): This product is low in oral toxicity, based on animal lethality studies. In small amounts, it is used as a food additive. Ingestion of very large amounts may cause nausea, vomiting, cramps, abdominal pain, diarrhea and severe inflammation of the stomach and intestinal tract. Ingestion is not a typical route of occupational exposure.			
Carcinogenicity: Not listed.	NTP? Not listed.	IARC Carcinogen? Not listed.	OSHA Regulated? No.
Other Signs and Symptoms of Overexposure: Kidney damage has been observed in rats following long-term ingestion of very high doses. In general, long-term exposures to high concentrations of dust may cause increased mucous flow in the nose and respiratory system airways. This condition usually disappears after exposure stops			
Medical Conditions Generally Aggravated by Exposure: Persons with pre-existing chronic bronchitis may experience aggravation of symptoms by long term exposure to inhalation of high concentrations of dust.			

AWC A-792P

Section IV – First Aid Procedures

Inhalation: Immediately remove to fresh air. If breathing has stopped, give artificial respiration or oxygen. See a physician if irritation of the eyes, skin or respiratory tract occurs.
Eye Contact: Immediately flush with plenty of water for at least 15 minutes. Call a physician. Remove material from skin and clothing. Remove contact lenses immediately if possible.
Skin Contact: Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Thoroughly wash before reuse or discard. Get medical help if irritation occurs.
Ingestion (Swallowing): If conscious, immediately give several glasses of water. Do not induce vomiting. NEVER give anything by mouth to an unconscious person. Take immediately to hospital or physician.

Section V - Fire and Explosion Hazard Data

Flash Point (Method Used) Not Combustible	Flammable Limits: Not Flammable
Extinguishing Media: Water spray, dry chemical, CO ₂ , or other class B extinguishing agent. This material does not burn. Use extinguishing media appropriate to the surrounding fire conditions	
Special Fire Fighting Procedures and Protective Equipment: This material does not burn. Move containers from fire area if it can be done without risk. Otherwise, use water in flooding quantities as a spray or fog to keep fire-exposed containers cool and absorb heat to help prevent rupture. Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective equipment (Bunker Gear) will not provide adequate protection. Chemical resistant clothing (e.g. chemical splash suit and positive pressure self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) may be necessary.	
Unusual Fire and Explosion Hazards: Not Applicable	
Hazardous Decomposition or Combustion Byproducts: Not applicable	

Section VI – Accidental Release Measures

<p>Steps to Be Taken in Case Material is Released or Spilled: When handling spill and leaks, follow good industrial hygiene and safety practices as outlined in this document. Dispose of in compliance with local regulations. In case of spills of polyphosphate solution, prevent discharge to the environment (use dykes for large spills). Absorb spillage with earth, sand, clay, sawdust or other inert absorbent material which does not react with spilled chemical. Place all spilled material, contaminated sorbent materials, contaminated dirt, and other contaminated material in chemical waste container. Flush residual spill area with large amounts of water.</p>
--

Section VII - Precautions for Safe Handling and Storage

<p>Precautions to Be taken in Handling and Storing (General): Empty drums as thoroughly as possible to facilitate disposal. Avoid generating dusts. Prevent the release of dust into the workplace air. Use in a well ventilated area, separate from the storage area. The use of compressed air to clean equipment, clothing, etc., is not recommended. Do not use with incompatible materials such as strong acids and strong bases. Label and avoid damaging containers. Maintain handling equipment. Practice good housekeeping. It is good practice to keep storage containers closed when not in use and when empty.</p>
<p>Ventilation: Provide ventilation to minimize exposure. Use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.</p>
<p>Other Precautions</p>

AWC A-792P

Avoid breathing dust. Do not get in eyes, on skin, or on clothing. Wash contaminated clothes and shoes before reuse or discard. Use with adequate ventilation. Handle with due care. Wash thoroughly after handling. Do not taste or swallow. Keep container closed.

Section VIII – Exposure Controls and Personal Protection

Respiratory Protection (Specify Type) An approved respirator suitable for protection from dusts and mists may be adequate. Consult respirator manufacturer to determine appropriate type of equipment for given application. The respirator use limitations specified by NIOSH/MSHA or the manufacture must be observed. Respiratory protection programs must be in compliance with 29CFR1910.134.					
Ventilation	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 5px;"> Local Exhaust Use local natural or mechanical exhaust ventilation to minimize exposure at sources of air contamination such as open process equipment. </td> <td style="width: 40%; padding: 5px;"> Special N/A </td> </tr> <tr> <td style="padding: 5px;"> Mechanical (General) Use mechanical ventilation at sources of air contamination. </td> <td style="padding: 5px;"> Other Open process equipment. </td> </tr> </table>	Local Exhaust Use local natural or mechanical exhaust ventilation to minimize exposure at sources of air contamination such as open process equipment.	Special N/A	Mechanical (General) Use mechanical ventilation at sources of air contamination.	Other Open process equipment.
Local Exhaust Use local natural or mechanical exhaust ventilation to minimize exposure at sources of air contamination such as open process equipment.	Special N/A				
Mechanical (General) Use mechanical ventilation at sources of air contamination.	Other Open process equipment.				
Protective Gloves Wear impervious gloves.	Eye Protection Wear chemical goggles and a face shield and have eyewash station immediately available.				
Other Protective Clothing or Equipment Eyewash facility and safety shower in immediate area. Use impervious chemical resistant aprons, sleeves, and other chemical resistant clothing and boots. Always clean protective equipment before reuse.					
Work/Hygienic Practices Always wash hands thoroughly with soap and water after handling chemicals and before eating or smoking. Wash immediately if skin is contaminated. Remove contaminated clothing promptly. Keep contaminated clothing in closed containers. Discard or launder before reuse. Inform laundry personnel of contaminant's hazards. Obey all federal, state and local regulations.					

Section IX - Physical/Chemical Characteristics

Melting Point: Anhydrous form decomposes at 550°C (1022°F)	Density (g/cm ³): 2.45±0.2
Solubility in Water: Complete	pH (1% sol'n): 6.5 – 7.1
Appearance and Odor: Fine white powder or white granules. Odourless. Hygroscopic (absorbs moisture from the air)	

NR: NOT REQUIRED, NE: NOT ESTABLISHED, NA: NOT APPLICABLE

Section X – Stability & Reactivity Data

Stability/Instability: Stable under normal conditions of storage and handling. Usually stable in alkaline aqueous solution, but breaks down (hydrolyzes) to orthophosphate under acidic conditions.
Incompatibility (Materials to Avoid): Strong Oxidizing Agents (eg. perchlorates, peroxides) and strong acids (eg. Sulfuric acid) - reaction may be violent. However, this product can safely be dosed into a water supply that contains dosage levels of oxidizers or acids that meet drinking water standards.
Conditions to Avoid: High temperatures, moisture, generation of dust.
Hazardous Decomposition: When involved in a fire, the material may form toxic fumes of phosphorous.
Hazardous Polymerization: Does not occur

AWC A-792P

Section XI – Toxicological Information

Available data on closely related material indicates the following:
 ORAL LD₅₀(Rats): =3053 mg/kg
 Skin Irritation (rabbit, guinea pig): Negligible irritation and no visible tissue damage was observed after a 50% solution was applied to intact and abraded skin.

Section XII – Ecological Information

Biodegradation:
 No specific biodegradation data is available for this product.

Section XIII – Disposal Considerations

Always dispose of in accordance with federal, state and local regulations. Consult your attorney or appropriate regulatory officials for information on such disposal.

Section XIV- Transport Information

D.O.T. Proper Shipping Name: N/A	
Technical class: Water treatment chemical	D.O.T. Hazard class: N/A
Identification No: N/A	Packing Group: N/A

Section XV – Regulatory Information

TSCA:	All ingredients are listed in the TSCA inventory.
CERCLA:	Not applicable
RCRA:	Not applicable
DOT:	Not regulated by DOT
WHMIS:	Not applicable
SARA:	SARA 311/312: Acute: Yes, Chronic: Yes, Fire: No, Pressure: No, Reactivity: No (Mixture / Solid)
Potable Water Approval:	This product is NSF/ANSI Standard 60 certified. Max. use=12mg/L

Section XVI – Other Information

HMIS RATINGS:

Health	Flammability	Reactivity	Special Notice
1	0	0	N/E

NFPA RATINGS:

Health	Flammability	Reactivity	Special Notice
1	0	0	N/E

SPECIAL HAZARD DESIGNATIONS KEY: 0-MINIMAL, 1-SLIGHT, 2-MODERATE, 3-SERIOUS, 4-SEVERE

Recommended uses and Restrictions: Keep container closed when not in use. Corrosive to metals, store in plastic or FRP tanks. Avoid breathing mist. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling.

The data contained in this Material Safety Data Sheet has been prepared based upon an evaluation of the ingredients contained in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be accurate. It is furnished to the customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure his employees are properly informed and advised of all safety precautions required. The information is

SAFETY DATA SHEET
AMERICAN WATER CHEMICALS
1802 CORPORATE CENTER LANE
PLANT CITY, FL 33563

PAGE 5

AWC A-792P

furnished for compliance with the "Occupational Safety and Health Act" of 1970, the "Hazards Communication Act" of 1983 as well as various other Federal, State and Local regulations. Use or dissemination of all or part of this information for any other purpose is illegal.



NSF Product and Service Listings

These NSF Official Listings are current as of **Friday, May 04, 2012** 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://www.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=American+Water+Chemicals&TradeName=A%2D792&>

NSF/ANSI STANDARD 60 Drinking Water Treatment Chemicals - Health Effects

American Water Chemicals, Inc.

American Engineering Services
9203 King Palm Drive
Suite A
Tampa, FL 33619
United States

888-217-8757

813-246-5448

Facility : Tampa, FL

Sodium Polyphosphates, Glassy

Trade Designation

AWC A-792

AWC A-792G

AWC A-792P

Product Function

Corrosion & Scale Control

Sequestering

Corrosion & Scale Control

Sequestering

Corrosion & Scale Control

Sequestering

Max Use

10mg/L

10mg/L

10mg/L

Number of matching Manufacturers is 1

Number of matching Products is 3




AMERICAN WATER CHEMICALS, INC.

Certificate of Compliance

We hereby confirm that we comply with the specifications listed on the bid as per the following:

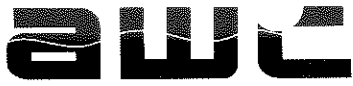
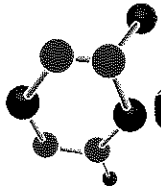
- AWC A-700 and A-792 have been certified for use in potable water by the National Sanitation Foundation (NSF). NSF standard 60 certification listings have been included in this bid.
- AWC A-700 and A-792 have been approved for use in potable water supplies by the U.S. Environmental Protection Agency. These products also comply with the U.S.D.A. Guide Requirements for the use in a public water supply.
- The Product Data Sheets and MSDS have been included in this bid.
- If awarded the contract, American Water Chemicals, Inc. agrees to provide two 4-hour training sessions each year that meet the federal and state safety and right to know training requirements, at no cost to the County. Training session dates, times, and course outlines will be provided upon the award of the contract after agreeing with the County on the most convenient dates and times and after assessing the County's particular training needs.
- AWC A-700 will be shipped in 275 gallon totes and empty totes will be picked up at no cost. AWC A-792 will be shipped in 40 to 50 lb. bags on pallet and shrink wrapped for delivery.
- American Water Chemicals, Inc. certifies that delivery trucks will be equipped to safely handle and unload product at Lee County facilities.
- American Water Chemicals, Inc. has been supplying AWC A-700 and A-792 to municipalities of similar size for more than 5 years. AWC has had zero safety incidents relating to the manufacturing and delivery of its chemicals. AWC has not had to terminate a contract early due to safety, quality, or service issues for any of its products.



Qiao-Qing Di
QA/QC Chemist

ISO 9001:2008 Certified Company





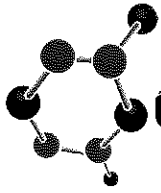
AMERICAN WATER CHEMICALS, INC.

Certificate of Warranty – Corrosion Inhibitor

American Water Chemicals, Inc. warrants that the AWC A-700 and the AWC A-792 are phosphate based corrosion inhibitor products approved by the NSF standard 60 and are manufactured in an ISO 9000:2008 certified facility; and that they are manufactured as per the specifications stated herein.

ISO 9001:2008 Certified Company





AMERICAN WATER CHEMICALS, INC.

CONFIDENTIAL

AWC Partial Reference List for Corrosion Inhibitors

Collier County, North WTP, Florida
12 MGD Nanofiltration
8 MGD Reverse Osmosis

Collier County, South WTP, Florida
20 MGD - Reverse Osmosis

City of Port St. Lucie, JEA Plant, Florida
22.5 MGD - Reverse Osmosis

City of Port St. Lucie, Prineville Plant, Florida
11.5 MGD - Reverse Osmosis
8.0 MGD - Lime Softening

Flagler Beach, Florida
2 MGD Reverse Osmosis

Town of Highland Beach
2 MGD Nanofiltration

City of Fort Pierce, Florida, USA
7.75 MGD - Reverse Osmosis

ISO 9001:2008 Certified Company



**PERRY JOHNSON
REGISTRARS, INC.**



Certificate of Registration

Perry Johnson Registrars, Inc., has assessed the Quality Management System of:

American Water Chemicals, Inc.
9203 King Palm Drive, Suite A, Tampa, FL 33619 United States

*(Hereinafter called the Organization) and hereby declares that
Organization is in conformance with:*

ISO 9001:2008

This Registration is in respect to the following scope of supply:

**Design, Formulation and Manufacture of Chemicals for Water
Treatment Applications as well as Operate and Maintain the same**

*Such products shall be manufactured by the Organization at, or such processes or services shall be offered at or
from, only the address given above. This Registration is granted subject to the system rules governing the
Registration referred to above, and the Organization hereby accords with the Assessment Body duty to observe
and comply with the said rules.*

For PJR:

Terry Boboige, President

Perry Johnson Registrars, Inc. (PJR)
26555 Evergreen, Suite 1340
Southfield, Michigan 48076
(248) 358-3388



The validity of this certificate is dependent upon ongoing surveillance.

Effective Date:
August 3, 2010

Expiration Date:
August 2, 2013

Certificate No.:
C2010-01567



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
06/20/12

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services, Inc of Florida 1001 Brickell Bay Drive, Suite #1100 Miami, FL 33131-4937	CONTACT NAME: Aon Risk Services, Inc of Florida PHONE (A/C, No, Ext): 800-743-8130 FAX (A/C, No): 800-522-7514 EMAIL ADDRESS: ADP.COI.Center@Aon.com													
	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A : Illinois National Insurance Co</td> <td>23817</td> </tr> <tr> <td>INSURER B :</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Illinois National Insurance Co	23817	INSURER B :		INSURER C :		INSURER D :		INSURER E :		INSURER F :
INSURER(S) AFFORDING COVERAGE	NAIC #													
INSURER A : Illinois National Insurance Co	23817													
INSURER B :														
INSURER C :														
INSURER D :														
INSURER E :														
INSURER F :														
INSURED ADP TotalSource III, Inc. 10200 Sunset Drive Miami, FL 33173 ALTERNATE EMPLOYER American Water Chemicals, Inc 1802 Corporate Center Lane Plant City, FL 33563														

COVERAGES	CERTIFICATE NUMBER: 472552	REVISION NUMBER:
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THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. LIMITS SHOWN ARE AS REQUESTED.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						EACH OCCURRENCE	\$
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
							MED EXP (Any one person)	\$
							PERSONAL & ADV INJURY	\$
							GENERAL AGGREGATE	\$
							PRODUCTS - COM/OP AGG	\$
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC							\$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident)	\$
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						EACH OCCURRENCE	\$
	<input type="checkbox"/> DEC <input type="checkbox"/> RETENTION \$						AGGREGATE	\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WC 038087766 FL	07/01/12	07/01/13	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER	
							E.L. EACH ACCIDENT	\$ 2,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 2,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
All worksite employees working for the above named client company, paid under ADP TOTALSOURCE, INC.'s payroll, are covered under the above stated policy. The above named client is an alternate employer under this policy.

CERTIFICATE HOLDER

CANCELLATION

American Water Chemicals, Inc. 1802 Corporate Center Lane Plant City, FL 33563	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Aon Risk Services, Inc of Florida</i>
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CERTIFICATE OF LIABILITY INSURANCE

OP ID: GF

DATE (MM/DD/YYYY)

05/14/12

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Bouchard-Clearwater 101 Starcrest Drive P O Box 6090 Clearwater, FL 33758-6090 Bouchard Insurance		727-447-6481 727-449-1267	CONTACT NAME: PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS: PRODUCER CUSTOMER ID #: AMER136
INSURED American Engineering Services Inc. DBA AES of California American Water Chemicals, Inc. Rudy Canezo 9203 King Palm Drive, Suite A		INSURER(S) AFFORDING COVERAGE INSURER A: Amerisure Insurance Company INSURER B: Westchester Surplus Lines Ins INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 19488	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.


INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	X		G24205320002	05/01/12	05/01/13	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ 3,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			CA20091920701	05/01/12	05/01/13	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
B	UMBRELLA LIAB <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> DEDUCTIBLE RETENTION \$ 2,500			G24205332002	05/01/12	05/01/13	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000 \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N	N/A			<input type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
B	Pollution			G24205320002	05/01/12	05/01/13	Gen Agg 3,000,000 Ea Loss 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

10-DAYS NOTICE OF CANCELLATION FOR NON-PAYMENT OF PREMIUM.
 CERTIFICATE HOLDER IS ADDITIONAL INSURED WITH RESPECTS TO GENERAL LIABILITY POLICY BUT ONLY WITH RESPECT TO LIABILITY ARISING OUT OF THE WORK PERFORMED BY OR ON BEHALF OF THE NAMED INSURED AS REQUIRED BY WRITTEN CONTRACT.

CERTIFICATE HOLDER

CANCELLATION

	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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State of Florida

Department of State

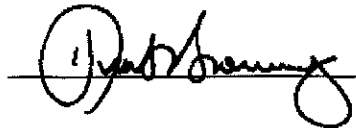
I certify from the records of this office that AMERICAN WATER CHEMICALS INC. is a corporation organized under the laws of Delaware, authorized to transact business in the State of Florida, qualified on April 12, 1994.

The document number of this corporation is F94000001871.

I further certify that said corporation has paid all fees due this office through December 31, 2012, that its most recent annual report was filed on January 3, 2012, and its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of Florida, at Tallahassee, the Capital, this the Fourth day of January, 2012



Secretary of State



Authentication ID: 300215884283-010412-F94000001871

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.

<https://efile.sunbiz.org/certauthver.html>

2011-2012 HILLSBOROUGH COUNTY BUSINESS TAX RECEIPT

EXPIRES 9-30-2012 FOLIO NO

STAMPS	FACILITIES OR MACHINES	ROOMS	SEATS	EMPLOYEES	RENEWAL	20120 0000
	0	0	0	0		
OCC. CODE	BUSINESS TYPE				H WASTE SURCHARGE	TAX
380.004	RETAIL SALES W/HAZARDOUS WASTE				40.00	30 00

BUSINESS LOCATION 9203 KING PALM DR STE A TAMPA 33619

NAME MAILING ADDRESS AMERICAN WATER CHEMICALS INC 9203 KING PALM DRIVE STE A TAMPA FL 33619

BUSINESS TAX RECEIPT

HAS HEREBY PAID A PRIVILEGE TAX TO ENGAGE IN BUSINESS PROFESSION OR OCCUPATION SPECIFIED HEREON

DOUG BELDEN, TAX COLLECTOR 813-635-5200 THIS BECOMES A TAX RECEIPT WHEN VALIDATED.

PAID - 21213 - 85 08/18/2011 *** 70.00



CERTIFICATE OF LIABILITY INSURANCE

OP ID: GF

DATE (MM/DD/YYYY)

09/18/12

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Bouchard-Clearwater 101 Starcrest Drive P O Box 6090 Clearwater, FL 33758-6090 Bouchard Insurance	727-447-6481	CONTACT NAME:	
	727-449-1267	PHONE (A/C, No, Ext):	FAX (A/C, No):
		E-MAIL ADDRESS:	
		PRODUCER CUSTOMER ID #:	AMERI36
		INSURER(S) AFFORDING COVERAGE	NAIC #
INSURED American Engineering Services Inc. DBA AES of California American Water Chemicals, Inc. Rudy Canezo 1802 Corporate Center Lane	INSURER A: Amerisure Insurance Company		19488
	INSURER B: Colony Insurance Co		39993
	INSURER C:		
	INSURER D:		
	INSURER E:		
	INSURER F:		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	GENERAL LIABILITY			G24205320002	05/01/12	06/01/13	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY	X					DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 10,000
	<input checked="" type="checkbox"/> Prim/Non Contrib						PERSONAL & ADV INJURY \$ 1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE \$ 3,000,000
<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC							PRODUCTS - COMP/OP AGG \$ 3,000,000
A	AUTOMOBILE LIABILITY			CA20091920701	05/01/12	05/01/13	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS						PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS						\$
<input checked="" type="checkbox"/> NON-OWNED AUTOS			\$				
B	UMBRELLA LIAB			EXC3000775	06/01/12	05/01/13	EACH OCCURRENCE \$ 4,000,000
	<input checked="" type="checkbox"/> EXCESS LIAB						AGGREGATE \$ 4,000,000
	<input checked="" type="checkbox"/> DEDUCTIBLE						\$
RETENTION \$ 2,500							\$
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N							WC STATU-TORY LIMITS
ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> N/A							OTHER
If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
B	Pollution			G24205320002	05/01/12	05/01/13	Gen Agg 3,000,000
							Ea Loss 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
LEE COUNTY, A POLITICAL SUBDIVISION AND CHARTER COUNTY OF THE STATE OF FLORIDA, ITS AGENTS, EMPLOYEES, AND PUBLIC OFFICIALS ARE ADDITIONAL INSURED AS RESPECTS GENERAL LIABILITY.

CERTIFICATE HOLDER

CANCELLATION

LEECOUN LEE COUNTY BOARD OF COUNTY COMMISSIONERS C/O LEE COUNTY PROCUREMENT MANAGEMENT P O BOX 398 FORT MYERS, FL 33902-0398	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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NOTEPAD

INSURED'S NAME American Engineering Services

AMER136
OP ID: GF

PAGE 2
DATE 09/18/12



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
09/25/12

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services, Inc of Florida 1001 Brickell Bay Drive, Suite #1100 Miami, FL 33131-4937	CONTACT NAME: Aon Risk Services, Inc of Florida PHONE (A/C, No, Ext): 800-743-8130 FAX (A/C, No): 800-522-7514 EMAIL ADDRESS: ADP.COI.Center@Aon.com														
INSURED ADP TotalSource III, Inc. 10200 Sunset Drive Miami, FL 33173 ALTERNATE EMPLOYER American Water Chemicals, Inc 1802 Corporate Center Lane Plant City, FL 33563	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: center;">NAIC #</th> </tr> <tr> <td>INSURER A : Illinois National Insurance Co</td> <td style="text-align: center;">23817</td> </tr> <tr> <td>INSURER B :</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Illinois National Insurance Co	23817	INSURER B :		INSURER C :		INSURER D :		INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : Illinois National Insurance Co	23817														
INSURER B :															
INSURER C :															
INSURER D :															
INSURER E :															
INSURER F :															

COVERAGES **CERTIFICATE NUMBER:** 485715 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. LIMITS SHOWN ARE AS REQUESTED.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$ COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						EACH OCCURRENCE \$ AGGREGATE \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEC RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) if yes, describe under: DESCRIPTION OF OPERATIONS below		N/A	WC 038087766 FL	07/01/12	07/01/13	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 All worksite employees working for the above named client company, paid under ADP TOTALSOURCE, INC.'s payroll, are covered under the above stated policy. The above named client is an alternate employer under this policy.

CERTIFICATE HOLDER Lee County Board of County Commissioners c/o Lee County Procurement Management P. O. Box 398 Fort Myers, FL 33902-0398	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <div style="text-align: right;"><i>Aon Risk Services, Inc of Florida</i></div>
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AMERICAN WATER CHEMICALS, INC.

DATE: June 25, 2012

Lee County Procurement Management
Attn: Mr. Chris Jeffcoat, CPPB
1825 Hendry St. 3rd Floor
Fort Myers, FL 33901

Dear Mr. Jeffcoat,

Thank you for the opportunity to provide you with our proposal for the Corrosion/Scale Inhibitor on your Project No. **Q-120334**. All bid documentation should be included with our proposal per your request and instructions; we also hereby confirm that we are in compliance with all your technical specifications and requirements listed on the bid documents.

It is noteworthy to mention that American Water Chemicals, Inc. is a manufacturer, not a repackager, and we are one of the few manufacturers that are ISO9001:2008 registered. A copy of the registration certificate is enclosed.

Finally, American Water Chemicals, Inc has been helping the water treatment plants in the USA with their chemical needs for over sixteen years, manufacturing products for the optimum operation of their systems. Please review the enclosed proposal, and feel free to contact us for any questions or clarification.

I will appreciate much if you fax or email me a copy of the bid tabulation once it is available.

Sincerely,

Ana Maria Padgett
Sales Engineer
American Water Chemicals
apadgett@aesh2o.com
Tel: (813) 246-5448
Fax: (813)623-6678

ISO 9001:2008 Certified Company



Tetrasodium Pyrophosphate**Section 1 - Product and Company Identification**

Material Name	▪ Tetrasodium Pyrophosphate
CAS Number	▪ 7722-88-5
EINECS	▪ 231-767-1
Molecular Formula	▪ Na ₄ P ₂ O ₇
Molecular Weight	▪ 265.91
Product Description	▪ White crystalline solid with no odor.
Synonyms	▪ Anhydrous Tetrasodium Pyrophosphate; TSPP
Manufacturer	▪ Innophos PO Box 8000 259 Prospect Plains Road Cranbury, NJ 08512-8000 United States
Telephone	
Technical	▪ 609-495-2495
<u>Emergency</u>	▪ 800-424-9300
<u>Emergency</u>	▪ 615-386-7816
<u>Emergency</u>	▪ 703-527-3887
Preparation Date	11/15/2004
Last Revision Date	07/20/2010

Section 2 - Hazards Identification**Emergency Overview****WARNING**

May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. May be harmful if swallowed.

Prevention Keep container tightly closed. Avoid breathing dust, fume, gas, mist, vapours and/or spray. Wear protective gloves, clothing, and eye/face protection. Wash : thoroughly after handling.

Response IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If skin irritation occurs: Get medical advice/attention. Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage/Disposal Store in a well-ventilated place. Store locked up. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.



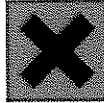
**OSHA
WHMIS**

- Irritant
- Class D - Poisonous and Infectious Materials - Division 2 - Subdivision B



EU

- Irritant - Xi
R36/37/38



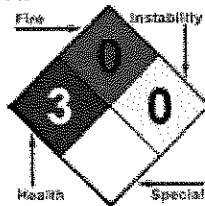
GHS

- Specific Target Organ Toxicity Single Exposure - Category 3, Skin Corrosion/Irritation - Category 2, Serious Eye Damage, Eye Irritation - Category 2A, Acute Toxicity - Category 5

**Route Of Entry
Medical Conditions
Aggravated by Exposure**

- Inhalation, Skin, Eye, Ingestion
- Disorders of the lungs, Skin

NFPA:



Potential Health Effects

Inhalation

Acute (Immediate)
Chronic (Delayed)

- May cause respiratory irritation.
- No data available.

Skin

Acute (Immediate)
Chronic (Delayed)

- May cause irritation.
- No data available.

Eye

Acute (Immediate)
Chronic (Delayed)

- May cause severe irritation. May cause redness, burns.
- No data available.

Ingestion

Acute (Immediate)
Chronic (Delayed)

- Harmful if ingested. May cause burns to mouth and esophagus, nausea, vomiting, and diarrhea.
- No data available.

Carcinogenic Effects

- This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

Hazardous Components						
Chemical Name	CAS	%(weight)	UN;EINECS	LD50/LC50	EU Classification & R Phrases	Other
Diphosphoric acid, sodium salt (1:4)	7722-88-5	100%	231-767-1	Ingestion/Oral-Rat LD50: =4 g/kg	NDA	NDA

Under United States Regulations (29 CFR 1900.1200 - Hazard Communication Standard), this product is considered hazardous. In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS). This product is considered dangerous according to the European Directive 67/548/EEC. According to the Globally Harmonized Standard for Classification and Labeling (GHS) this product is considered hazardous.

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

- Inhalation**
 - Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Skin**
 - IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
- Eye**
 - Flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses if worn. Seek immediate medical attention, preferably with an ophthalmologist. If the physician is not immediately available, eye irrigation should be continued for an additional 20 minutes. If it is necessary to transport the patient to a physician and the eye needs to be bandaged, use a dry sterile cloth pad and cover both eyes.
- Ingestion**
 - Do NOT induce vomiting. If swallowed give 2-3 glasses of water if victim is conscious and alert. Do not give anything by mouth to an unconscious person. Rinse mouth. Obtain medical attention immediately if ingested. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Persons attending the victim should avoid direct contact with heavily contaminated clothing and vomitus. Wear impervious gloves while decontaminating skin and hair.
- Notes to Physician**
 - All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Ingestion of large quantities of phosphate salts (over 1.0 grams for an adult) may cause an osmotic catharsis resulting in diarrhea and probable abdominal cramps. Larger doses such as 4-8 grams will almost certainly cause these effects in everyone. In healthy individuals most of the ingested salt will be excreted in the feces with the diarrhea and, thus, not cause any systemic toxicity. Doses greater than 10 grams hypothetically may cause systemic toxicity. Treatment should take into consideration both anionic and cation portion of the molecule.
- Other Information**
 - Call 911 or emergency medical service. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

See Section 2 for Potential Health Effects.

Section 5 - Fire Fighting Measures

- Extinguishing Media**
 - Not combustible. Use extinguishing media suitable for surrounding fire.
- Unsuitable Extinguishing Media**
 - None known.
- Firefighting Procedures**
 - LARGE FIRES: Move containers from fire area if you can do it without risk.
 - LARGE FIRES: Do not scatter spilled material with high pressure water streams.
 - LARGE FIRES: Dike fire-control water for later disposal.
- Unusual Fire and Explosion Hazards**
 - Non-combustible.

Hazardous Combustion Products

- None known.

Protection of Firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

Personal Precautions

- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

Emergency Procedures

- Keep unauthorized personnel away. Ventilate closed spaces before entering.

Environmental Precautions

- Do not flush to drain. If spilled on the ground, the affected area should be scraped clean and placed in a appropriate container for disposal. Prevent material from entering public sewer system or any waterways. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

Containment/Clean-up Measures

- Avoid generating dust.
SMALL DRY SPILLS: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.
Clean up residual material by washing area with water. Collect washings for disposal. Decontaminate tools and equipments after cleanup. LARGE SPILLS: Cover powder spill with plastic sheet or tarp to minimize spreading.

Prohibited Materials

- None known.

Section 7 - Handling and Storage

Handling

- Keep containers closed when not in use. Do not breathe (dust, vapor or spray mist) Do not get on skin or in eyes. Do not ingest. Do not use in areas without adequate ventilation.

Storage

- Store in a tightly closed container. Store in an area that is sanitary, dry, well-ventilated, cool, isolated from all toxic and harmful substances, away from ignition sources.

Special Packaging Materials

- None known.

Incompatible Materials or Ignition Sources

- None known.

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment

Pictograms

- 

Respiratory

- For limited exposure use an N95 dust mask. For prolonged exposure use an air-purifying respirator with high efficiency particulate air (HEPA) filters. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety glasses.

Hands

- Wear appropriate gloves.

General Industrial Hygiene Considerations

- Do not use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.

Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Exposure Limits/Guidelines						
	Result	ACGIH	Argentina	Australia	Canada Ontario	Canada Quebec
Tetrasodium Pyrophosphate	TWAs	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inhalable fraction, particulate matter containing no asbestos and less than 1% crystalline silica); 3 mg/m3 TWA (respirable fraction, particulate matter containing no asbestos and less than 1% crystalline silica) <i>as Particulates not otherwise classified (PNOC)</i>	Not established	10 mg/m3 TWAEV (inhalable particulate); 3 mg/m3 TWAEV (respirable particulate) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica) <i>as Particulates not otherwise classified (PNOC)</i>
Diphosphoric acid, sodium salt (1:4) (7722-88-5)	TWAs	Not established	5 mg/m3 TWA	5 mg/m3 TWA	5 mg/m3 TWAEV	5 mg/m3 TWAEV

Exposure Limits/Guidelines (Con't.)						
	Result	China	Indonesia	Korea	Malaysia	New Zealand
Tetrasodium Pyrophosphate	TWAs	8 mg/m3 TWA (free SiO2 <10%, except asbestos and toxic substances. Use PC-TWA of silica When free SiO2 >10%, total) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 NAB (not containing asbestos and the crystal content is <1%, inhalable particulate); 3 mg/m3 NAB (not containing asbestos and the crystal content is <1%, respirable particulate) <i>as Particulates not otherwise classified (PNOC)</i>	Not established	10 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, inhalable fraction); 3 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inspirable dust); 3 mg/m3 TWA (respirable dust) <i>as Particulates not otherwise classified (PNOC)</i>
	STELs	16 mg/m3 STEL (free SiO2 <10%, except asbestos and toxic substances. Use PC-STEL of silica When free SiO2 >10%, total) <i>as Particulates not otherwise classified (PNOC)</i>	Not established	Not established	Not established	Not established
Diphosphoric acid, sodium salt (1:4) (7722-88-5)	TWAs	Not established	5 mg/m3 NAB	5 mg/m3 TWA	5 mg/m3 TWA	5 mg/m3 TWA

Exposure Limits/Guidelines (Con't.)						
	Result	NIOSH	OSHA	OSHA Vacated	Singapore	South Africa
			15 mg/m3 TWA (total dust); 5 mg/m3 TWA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA	10 mg/m3 PEL	

Tetrasodium Pyrophosphate	TWAs	Not established	(respirable fraction) as Particulates not otherwise classified (PNOC)	(respirable fraction) as Particulates not otherwise classified (PNOC)	as Particulates not otherwise classified (PNOC)	Not established
Diphosphoric acid, sodium salt (1:4) (7722-88-5)	TWAs	5 mg/m3 TWA	Not established	5 mg/m3 TWA	5 mg/m3 PEL	5 mg/m3 TWA

Exposure Limits/Guidelines (Con't.)

	Result	Switzerland	Taiwan	United States - California
Tetrasodium Pyrophosphate	TWAs	Not established	Not established	10 mg/m3 PEL (total dust); 5 mg/m3 PEL (respirable fraction) as Particulates not otherwise classified (PNOC)
Diphosphoric acid, sodium salt (1:4) (7722-88-5)	TWAs	Not established	5 mg/m3 TWA	5 mg/m3 PEL
	MAKs	5 mg/m3 MAK (inhalable)	Not established	Not established

Exposure Control Notations

South Africa

•Diphosphoric acid, sodium salt (1:4) (7722-88-5): **Skin:** (Skin Notation)

Key to abbreviations

MSHA = Mine Safety and Health Administration

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

NIOSH = National Institute of Occupational Safety and Health

NAB = Threshold Values (Indonesia)

PEL = Permissible Exposure Level determined by the Occupational Safety and Health Administration (OSHA)

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

TWAEV = Time-Weighted Average Exposure Value

ACGIH = American Conference of Governmental Industrial Hygiene

OSHA = Occupational Safety and Health Administration

Section 9 - Physical and Chemical Properties

Physical Form

- Solid

Appearance/Description

- White crystalline solid with no odor.

Color : White		Odor : Odorless	
Taste : NDA		Odor Threshold : NDA	
Boiling Point:	NDA	Vapor Pressure:	NDA
Melting Point:	985 C(1805 F)	Vapor Density:	NDA
Specific Gravity:	2.534	Evaporation Rate:	NDA
Density:	158.1973 lb(s)/ft³	VOC (Wt.):	NDA
Bulk Density:	0.5 to 1 g/cm³	VOC (Vol.):	NDA
Water Solubility:	Soluble 5 %	Volatiles (Wt.):	NDA
Solvent Solubility:	NDA	Volatiles (Vol.):	NDA
Viscosity:	NDA	Flash Point:	NDA
Half-Life:	NDA	Flash Point Test Type:	NDA
Octanol/Water Partition coefficient:	NDA	UEL:	NDA

Coefficient of Water:	NDA	LEL:	NDA
Bioaccumulation Factor:	NDA	Autoignition:	NDA
pH:	10.2 (@ 1 wt/wt%)		

Section 10 - Stability and Reactivity

- Stability**
 - Stable under normal temperatures and pressures.
- Hazardous Polymerization**
 - Hazardous polymerization will not occur.
- Conditions to Avoid**
 - Dusting conditions. Moisture.
- Incompatible Materials**
 - No data available
- Hazardous Decomposition Products**
 - None known.

Section 11 - Toxicological Information

- Other Material Information**
 - May cause irritation to skin, eye and respiratory tract.

Tetrasodium Pyrophosphate				7722-88-5					
Test Type	Dosage	Units	Route	Species	Duration	Results	Test Class	Target Organs	Comments
Irritation	NDA	NDA	Eye	Rabbit	NDA	NDA	Severe irritation, reversible	NDA	Unwashed
Irritation	NDA	NDA	Skin	Rabbit	NDA	NDA	Essentially Non-irritating	NDA	Washed
Acute Toxicity	>2000	mg/kg	Skin	Rabbit	NDA	LD50	NDA	NDA	NDA
Acute Toxicity	4000	mg/kg	Ingestion/Oral	Rat	NDA	LD50	NDA	NDA	NDA
Acute Toxicity	2980	mg/kg	Ingestion/Oral	Mouse	NDA	LD50	NDA	NDA	NDA
Acute Toxicity	2150	mg/kg	Ingestion/Oral	Rat (Male)	NDA	LD50	NDA	NDA	NDA
Acute Toxicity	1825	mg/kg	Ingestion/Oral	Rat (Female)	NDA	LD50	NDA	NDA	NDA

Key to abbreviations

LD = Lethal Dose

Section 12 - Ecological Information

- Ecological Fate**
 - No data found for product.
- Persistence/Degradability**
 - No data found for product.
- Bioaccumulation Potential**
 - No data found for product.
- Mobility in Soil**
 - No data found for product.
- Other Information**
 - No specific biodegradation test data located. While the alkalinity of this material is readily reduced in natural waters, the resulting phosphate may persist indefinitely or incorporate into biological systems.

Section 13 - Disposal Considerations

- Product**
 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transportation Information

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

DOT - United States - Department of Transportation

Shipping Name: Not Regulated

TDG - Canada - Transport of Dangerous Goods

Shipping Name: Not Regulated

IMO/IMDG –International Maritime Transport

Shipping Name: Not Regulated

ADN - Europe Transport of Dangerous Goods by Road/Inland Waterway

Shipping Name: Not Regulated

IATA - International Air Transport Association

Shipping Name: Not Regulated

ADR - Europe Transport of Dangerous Goods by Road/Inland Waterway

Shipping Name: Not Regulated

RID - Europe Transport of Dangerous Goods by Railways

Shipping Name: Not Regulated

Section 15 - Regulatory Information

SARA Hazard Classifications ▪ Acute

Risk & Safety Phrases ▪ R36/37/38 Irritating to eyes, respiratory system and skin.
S24/25 Avoid contact with skin and eyes.
S22 Do not breathe dust.

Inventory						
Component	CAS	Australia AICS	Canada DSL	Canada NDSL	China	EU EINECS
Diphosphoric acid, sodium salt (1:4)	7722-88-5	Yes	Yes	No	Yes	Yes

Inventory (Con't.)						
Component	CAS	EU ELNICS	Japan ENCS	Korea KECL	New Zealand	Philippines PICCS
Diphosphoric acid, sodium salt (1:4)	7722-88-5	No	Yes	Yes	Yes	Yes

Inventory (Con't.)			
Component	CAS	Switzerland SWISS	TSCA
Diphosphoric acid, sodium salt (1:4)	7722-88-5	No	Yes

Australia

Labor

Australia - High Volume Industrial Chemicals List

- Diphosphoric acid, 7722-88-5 100%
sodium salt (1:4)

Australia - List of Designated Hazardous Substances - Classification

- Diphosphoric acid, 7722-88-5 100% Self classification required
sodium salt (1:4)

Environment

Australia - National Pollutant Inventory (NPI) Substance List

None Listed

Australia - Priority Existing Chemical Program

None Listed

Other

The Australia Group - Export Control List - Chemical Weapons Precursors

None Listed

Canada

Labor

Canada - List of Prohibited and Restricted Cosmetic Ingredients (The Cosmetic Ingredient Hotlist)

None Listed

Canada - WHMIS - Classifications of Substances

- Diphosphoric acid, 7722-88-5 100% D2B
sodium salt (1:4)

Canada - WHMIS - Ingredient Disclosure List

- Diphosphoric acid, 7722-88-5 100% 1 %
sodium salt (1:4)

Environment

Canada - CEPA - Priority Substances List

None Listed

China

Other

China - Annex I & II - Controlled Chemicals Lists

None Listed

China - Dangerous Goods List

None Listed

Croatia

Environment

Croatia - Air Quality - Emission Limits for Stationary Sources

None Listed

Croatia - Air Quality - Limit Values for Gaseous Pollutants

None Listed

Croatia - Air Quality - Recommended Values for Gaseous Pollutants

None Listed

Croatia - Ozone Depleting Substances - Annex A, Group I

None Listed

Egypt

Environment

Egypt - Air Pollutants - Emissions Limits - Overall Particles

None Listed

Egypt - Air Pollutants - Maximum Limits

None Listed

Europe

Environment

EU - Substances Depleting the Ozone layer (1005/2009) - Annex I Substances

None Listed

EU - Seveso II Directive (96/82/EC) - Qualifying Quantities for Major Accident Notification

None Listed

EU - Seveso II Directive (96/82/EC) - Qualifying Quantities for Safety Report Requirements

None Listed

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

None Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

None Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

None Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

None Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

None Listed

EU - Hazardous Substances Restricted or Prohibited in Electrical Equipment (2002/95/EC) (RoHS)

None Listed

India

Environment

India - Hazardous Chemical Rules - List of Hazardous and Toxic Chemicals

None Listed

India - Ozone Depleting Substances - Schedule I

None Listed

Indonesia

Environment

Indonesia - Hazardous Waste from Non-Specific Sources

None Listed

Indonesia - Hazardous Waste from Specific Sources

None Listed

Japan

Labor

Japan - ISHL Dangerous Substances

None Listed

Japan - ISHL Designated Carcinogens

None Listed

Japan - ISHL Harmful Substances Prohibited for Manufacture

None Listed

Japan - ISHL Notifiable Substances

- Diphosphoric acid, 7722-88-5 100% 1 % weight sodium salt (1:4)

Environment

Japan - Air Pollution Control Law - Emission Standards for Air Pollutants

None Listed

Inventory - Japan - Industrial Safety and Health Law Substances (ISHL)
None Listed

Korea

Labor

Korea - MOE - Harmful Substances
None Listed

Korea - ISHA - Name, Toxicity and Protective Measures of New Chemical Substances
None Listed

Environment

Korea - MOE - Toxic Chemicals Control Act (TCCA) - Observational Chemicals
None Listed

Malaysia

Labor

Malaysia - Occupational Safety & Health - Risk Phrases
None Listed

Malaysia - Occupational Safety & Health - Safety Phrases
None Listed

Environment

Malaysia - Clean Air Regulations - Noxious and Offensive Substances
None Listed

Mexico

Environment

Mexico - Pollutant Release and Transfer Register - Reporting Emissions - Threshold Quantities
None Listed

Other

Mexico - Hazard Classifications
None Listed

Mexico - Regulated Substances
None Listed

New Zealand

Other

New Zealand - Ozone Depleting Substances
None Listed

Other Agency Information

Other

AIHA - Emergency Response Planning Guidelines - ERPG-1 Values
None Listed

AIHA - Emergency Response Planning Guidelines - ERPG-2 Values
None Listed

AIHA - Emergency Response Planning Guidelines - ERPG-3 Values
None Listed

Philippines

Environment

Philippines - Ozone Depleting Substances - Annex A - Group I
None Listed

Other

Philippines - Priority Chemical List
None Listed

Singapore

Environment

Singapore - Air Impurities Emission Limits

None Listed

Singapore - List of Hazardous Substances

None Listed

South Africa

Labor

South Africa - General Machinery Regulations - Notifiable Substances

None Listed

Taiwan

Environment

Taiwan - Toxic Chemical Substances Control Act - Threshold Regulated Quantities

None Listed

Taiwan - Toxic Chemical Substances Control Act - Classification and Control Levels

None Listed

Thailand

Labor

Thailand - Air Contaminant Standards

None Listed

Environment

Thailand - Quantities of Chemicals

None Listed

Other

Thailand - Hazardous Substances

None Listed

United States

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

None Listed

U.S. - CAA (Clean Air Act) - Class I Ozone Depletors

None Listed

U.S. - CAA (Clean Air Act) - Class II Ozone Depletors

None Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

None Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

None Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

None Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

None Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

None Listed

U.S. - SDWA (Safe Drinking Water Act) - CCL (Contaminant Candidate List)

None Listed

Vietnam

Environment

Vietnam - Air Quality - Ambient Air Quality Standards

None Listed

Vietnam - Air Quality - Industrial Emission Standards

None Listed

Vietnam - Air Quality - Maximum Allowable Concentration of Highly Hazardous Chemicals

None Listed

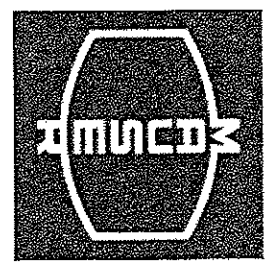
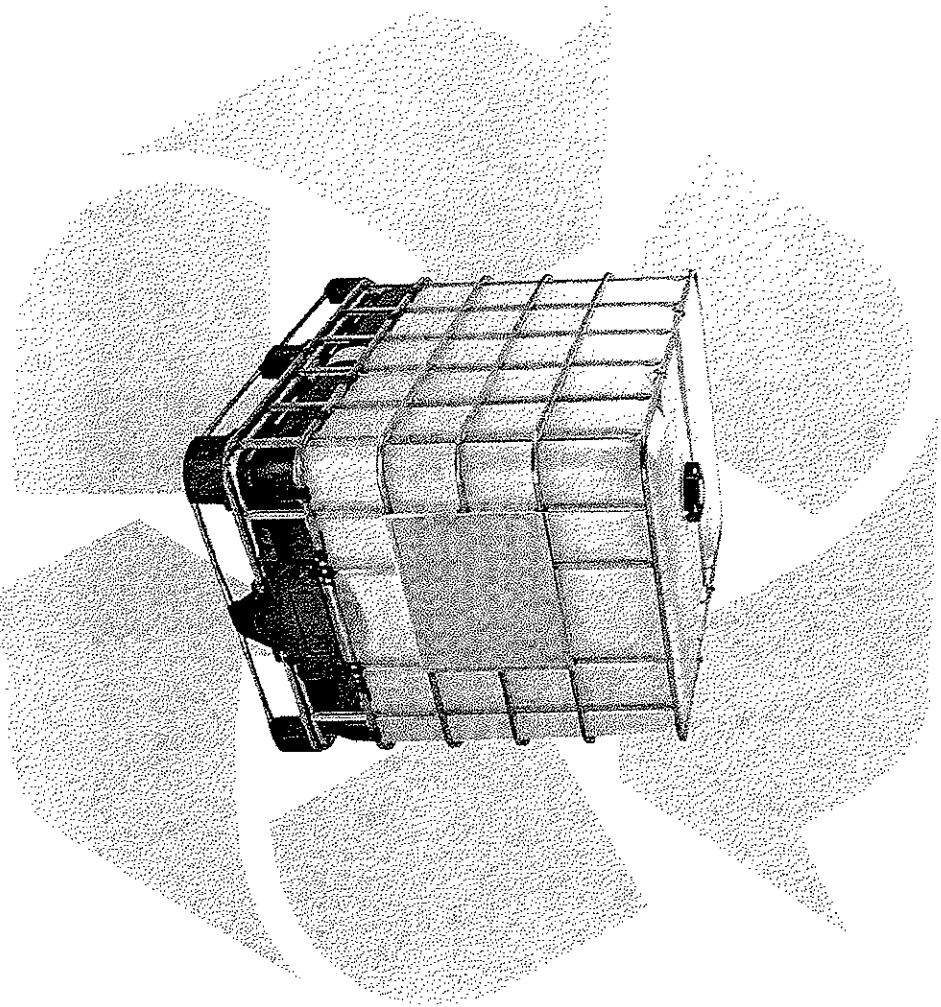
Section 16 - Other Information

Preparation Date 11/15/2004
Last Revision Date 07/20/2010

Disclaimer/Statement of Liability ▪ The information herein is given in good faith but no warranty, expressed or implied, is made.

Key to abbreviations
NDA = No Data Available

TECHNICAL



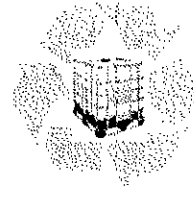
Objective

- Mauser is aware of its *environmental responsibility*.
- We are committed to providing a seamless *container return and recycling service* to our customers for IBCs model *MAMOR –SM 1.000L*
- A full service program that is *easy* to use.



MAMOR

recollect.service@mamor.it



RECOLLECT SERVICE

For collection of empty IBC's, please contact the below indicated numbers.

USA

☎ +1-888-211-7104

☎ +1-859-534-5542

EUROPE

Italy ☎ +39.02.909365251

☎ +39.02.909365228

DE +49.173.5445172

UK +44.161.2054400

E +34.679965858

F +33.685505422

SOUTH AMERICA

☎ +55.24.24479760

☎ +55.24.24479755

For other countries pls contact the centralized call-center in Italy.

North America Program

- Free pickup in the continental U.S.A and Canada.
- Pickup within 5 working days after notification.
- Minimum quantity eight containers.
- Toll-free telephone number 1-888-211-7104
- Collection is free *only if* Recollect General Conditions are completely fulfilled

Procedure

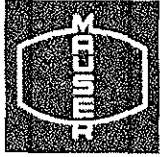
- New customers – call 1-888-211-7104 for program information and enrollment.
- Existing customers – fax the Container Return Form to the Mauser Recycling administrator at 1-630-654-9448.
- Contact us at *recollect.service@mamor.it*

General Conditions of Collection

Container Checklist

- Each IBC must be completely empty. No residue heel, drip dry, granule free and free of solidified residue both inside and outside the container. (less than 1 gallon)
- Valves and/or other closures must be in place and operable. The DOT requires that all valves must be closed and secure for transportation, same as a filled container.
- Label plates and product label must be in place. The appropriate hazardous UN or DOT markings must be affixed to the container and placards must be available for transportation.
- IBC must be intact, no damage to the inner bottle, steel cage or other integral parts of the container and no severe oxidation on the outside.
- Number of containers indicated on the return form must match the number of containers given for pickup.
- Container Return Form must be completely fill out and faxed to a Mamor recycling coordinator. Fax number 1-630-654-9448.
- An MSDS of the last contained product may be required for the first time pickup.
- A bill of lading will be prepared by Mamor (or Partners) and faxed back to the shipper. Shipper must sign and give to Mamor assign carrier.
- Residual product in IBC over the above mentioned quantity will be charged 9 USD per Gal.
- Non reusable IBCs will be disposed and a cost of 50 USD plus inbound transportation will be charged to the customer.

RECOLLECT FORMULAR



MAUSER ITALIA
 via Lazio, 16 - 20056 Grezzago (MI) Italy
 Tel 0039/02/9093651 - Fax 0039/02/90967368
 E-mail: recollect.service@mamor.it - <http://www.mamor.it>



RECOLLECT SERVICE FOR **mamor** 1.000L - MODEL SM Tel +1-888-2117104 Fax +1-630-6549448*

Sender:	In order to organize the picking-up of empty mamor IBC's 275 Gal we kindly ask you to read carefully this form, fill it in completely, sign and return back to the above fax*number. We will carry out the collection within 5 days after receiving this document. Minimum quantity 8 pieces.
Tel.	
Fax.	
E-Mail	
Contact person	

Packaging type - model	Quantity	Commercial name of the chemical product	UN-number	Class	Manufacturer
*					
*					
*					

*Pls indicate the right model.

Metal/plastic pallet SM13 Was the contained product a dangerous good?

 YES
 NO

The sender declares that Mamor IBCs, indicated here above fulfill the following points:

1. within technical limits allowed by the packaging's conformation, they are completely emptied that means free of any solidified and sticky residues, granule free, drop free and closed, or
 - are rinsed-out and drop free, or
 - are product free (for example because the product was contained in an in-liner, which has been taken away) and closed.
- * **
2. were not contaminated by products, different from the ones mentioned above.
3. carry labels corresponding to the last products contained and to transport laws in force.
4. before giving-back, they have been neutralized, are free of product and/or smells (if for example it was a toxic product or exhaling bad smells).
5. on the base of their general condition, they are reconditionable (that means also that the cage and the pallet should not be irreparably damaged, the PE-liner and each accessory are not tampered, generally the IBC does not present a state of advanced deterioration).

The sender confirms that the receiver keeps the right of:

- returning to the sender -on sender's cost- Mamor IBCs (included the freights of picking-up and returning back) if they do not fulfill the above mentioned conditions, or
- issuing an invoice about eventual costs born for the recycling of liquid residues contained in the IBC's or similars.
- issuing an invoice about eventual costs born for the recycling of the IBCs, in case of products' content, that can not be eliminated.
- charging freight for eventual failed picking-up, not due to our service willingness.

IMPORTANT: LOADING HOURS

 Date, stamp and signature.

RECOLLECT WORLDWIDE

RECOLLECT-SERVICE is a service offered by MAUSER to its customers for the collection of empty IBC's model MAMOR SM 1.000L at the final user's plant.

RECOLLECT-SERVICE acts in Europe, North and South America.

RECOLLECT-SERVICE is free-of-charge*.

Beyond the active structure, RECOLLECT grants a collection service also in those countries, not expressly mentioned.

In this case the end-user will address his request to the European call-centres.

RECOLLECT will manage and develop the request through a collaboration with local partners.

CALL-CENTRES EUROPE

☎ 0039.02.909365251
☎ 0039.02.909365228
☎ 0049.173.5445172
☎ 0033.685505422

☎ 0034.679965858
☎ 0044.161.2054400

USA/NORTH AMERICA

☎ 001. 888.2117104
☎ 001.859.5345542

SOUTHAMERICA

☎ 0055.24.24479760
☎ 0055.24.24479755

recollect.service@mamor.it

* If RECOLLECT conditions are respected.

External Chemical Emergency Response CHEMTREC Contacts ENV-002.1

To: Switchboard Operators/ Plant Supervisors/Lead Techs and Control room Operators
From: Chithambarathanu Pillai
CC: ES, JB, IC, SH, RM
Subject: Emergency /CHEMTREC Contacts.

Please note the updated list of the CHEMTREC® contacts, the names to call are as follows:

The Peru HQ switchboard operator gets the 800 emergency number calls during regular working hours. During non-office hours, 5PM-8AM on working days and 24/7 during weekends and holidays, the 800 call automatically dials into to the LaSalle plant over the radio.

You must answer the CHEMTREC® or any other emergency calls immediately.

Note: During work hours, please call the cell phone first for emergency calls. First, call the first person in the list at the cell number and if the person is not available, please leave a message about your attempt to reach that person. If the first person in the list is not available, then go down the list, again at the cell number. During off- hours please call the home number first before trying the cell number.

<u>Name</u>	<u>Work Number</u>	<u>Evenings / Weekends</u>
Chithambarathanu Pillai	(815) 228-0262 (Cell) (815) 224-6863 (Work)	(815) 224-2209 (home) (815) 228-0262 (Cell)
John Boll	(815) 342-1071 (Cell) (815) 224-6508 (Work)	(630) 897-4262 (home) (815) 342-1071 (Cell)
Darin Skutt	(815) 252-4247 (Cell) (815) 224-6833 (Work)	(815) 252-4247 (Cell)
John Stewart	(815) 274-1955 (Cell) (815) 224-6835 (Work)	(815)-521-0056 (home) (815) 274-1955 (Cell)
Ralph Moshage	(815) 326-1191 (Cell) (815) 224-6849 (Work)	(815) 667-4511(home) (815) 326-1191 (Cell)
Scott Hoge	(815) 343-5008 (Cell) (815) 224-6861 (Work)	(815) 343-5008 (Cell)
John Bortak	(630) 363-7680 (Cell) (815) 224- 6843 (Work)	(815) 875-1320 (home) (630) 363-7680 (Cell)
Ken Pisarczyk	(815) 228-7338 (Cell) (815) 224-6818 (Work)	(815) 228-7338 (Cell)
Mack Cochran	(704) 576-1968 (Cell) (704) 822-1441(Work)	(704) 576-1968 (Cell)

05/04/2012 8:51 AM

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Lee County Procurement Mgmt.
1825 Hendry St 3rd Floor
Ft. Myers, FL 33901

American Water
Chemicals Inc

Q-120334

SEALED QUOTE

Bidder: American Water Chemicals, Inc.
Title: Corrosion/Scale Inhibitor For Utiliti
Water Plants
Quote No. Q-120334
Opening Date: June 26, 2012
Opening Time: 2:30 p.m.


'12 JUN 26 AM 10:19