



G E O<sup>®</sup>  
SPECIALTY CHEMICALS

September 4, 2015

Jefferson Parish  
Purchasing Department Suite 4400  
Jefferson Parish General Gov. Bldg  
200 Derbigny Street  
Gretna, LA 70053

**RE: Liquid Aluminum Sulfate / Bid No. 50-00114227**

In response to your recent Invitation to Bid, GEO Specialty Chemicals is pleased to quote the following referencing your Liquid Alum requirement for Water Treatment Chemicals:

\$276.97/ Dry Ton, Basis 17% Al<sub>2</sub>O<sub>3</sub>, Delivered to Jefferson Parish, Gretna, LA .Shipments will be made from our Monticello, MS plant in 20 Ton Truckload Quantities. FOB Destination

The above pricing will be held firm for one year from award of contract, and our terms of sale are Net 30 Days.

GEO's Liquid Aluminum Sulfate meets American Water Works Association Specification B403-09 and has been certified by the National Sanitation Foundation (NSF) under ANSI/NSF 60 for drinking water additives. Please find enclosed a Product Data Sheet and Safety Data Sheet (SDS).

We appreciate the opportunity to quote on your requirement and look forward to your favorable response to be your Liquid Alum supplier.

Please email a copy of your tabulation of bids to [GEObiddesk@geosc.com](mailto:GEObiddesk@geosc.com) or send a copy of your tabulation of bids in the enclosed envelope.

Sincerely,

Patsy G. Hale  
Municipal & Resale Accounts Manager  
Water Treatment Chemicals

PGH/AWJ

Enclosures



**Bid Number 50 – 00114227**

**TWO (2) YEAR CONTRACT FOR VARIOUS CHEMICALS FOR THE  
JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS – WATER**

**BID DUE: THURSDAY, SEPTEMBER 10, 2015 AT 2:00 PM**

**ATTENTION VENDORS!!!**

**Please review all pages and respond accordingly, complying with all provisions  
in the technical specifications and Jefferson Parish Instructions for Bidders and  
General Terms and Conditions. All bids must be received in the Purchasing  
Department by the bid due date and time.**

**Jefferson Parish Purchasing Department  
200 Derbigny Street  
General Government Building, Suite 4400  
Gretna, LA 70053  
Buyer Name: Misty A. Camardelle  
Buyer Email: [mcamardelle@jeffparish.net](mailto:mcamardelle@jeffparish.net)  
Buyer Phone: 504-364-2683**

## **Two (2) Year Contract for Various Chemicals for the Jefferson Parish Department of Public Works - Water**

### **BID SPECIFICATIONS FOR CHEMICALS**

Liquid Ammonia, Zinc Sodium Hexametaphosphate, Bulk Polydadmac Polyelectrolyte Clarifloc, Ammonium Hydroxide Solution, Powdered Activated Carbon, & Liquid Chlorine, Fluorosilicic Acid, And Liquid Aluminum Sulfate

#### **Specifications for Line # 0010 (Bulk Liquid Ammonia)**

- A. The Liquid Ammonia must be certified for use in drinking water under National Sanitation Foundation Standard 60.
- B. The vendor must provide for the transfer of the Bulk Liquid Ammonia via his own hoses and truck mounted transfer pump. Vendor's hose connections must be compatible with the 1-1/4 inch acme adaptor on our tanks. Vendors must verify compatibility of their hose connections with our tanks before bidding (Contact Plant Superintendents at 504-838-4398 for Eastbank and 504-349-5085 for Westbank). The Ammonia will be placed into the storage tanks at each waterworks location by the delivery driver and will be supervised by the appropriate waterworks personnel.
- C. The Ammonia vendor shall provide an Annual Ammonia Safety Training Program at each waterworks facility as part of the contract obligation at no additional charge.

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#### **Specifications for Line #0020 (Zinc Sodium Hexametaphosphate)**

- A. The Zinc Sodium Hexametaphosphate bid must be equivalent to Virginia Chemical Vir Chem 937, Shannon Chemical Shan-No-Cor, or Calgon C-8 Or C-9, containing no less than 65% as Phosphate and 6.5% as Zinc; must be a free-flowing granular material sized such that at least 75% will pass a 10 mesh sieve and will be retained on a 80 mesh sieve; and must be soluble up to 3 lb/gal of cold tap water and remain free of precipitates for at least 5 days after preparation. Products requiring hot water for solution preparation are not acceptable.
- B. The Zinc Sodium Hexametaphosphate must be certified for use in drinking water under National Sanitation Foundation Standard 60.
- C. A technical information sheet indicating the percent composition of active ingredients must accompany each bid. The bid award will be based upon the lowest price per ton of the primary active ingredient, Metaphosphate (P205).

- D. The Zinc Sodium Hexametaphosphate must be supplied in 50 lb pails which are properly palletized on wooden pallets such that unloading can be promptly accomplished by waterworks personnel using their forklift.
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**Specifications for Line #0030 (Bulk Polydadmac Polyelectrolyte Clarifloc C-308p)**

- A. The Polydadmac (Polydiallyldimethylammonium Chloride) bid must be one of the following:
- a. Polydyne C-308P, Cytec Industries 587-C, Chemlink per Chem 550, Nalco 8792, G.S. Robin 120, CPS Chemical Agefloc Wt-20hv, Callaway Chemical Jay Flocc 842, Citichem Chemfloc 615, or Calgon Cat-Floc T, T2, L or LS.
- B. The Polydadmac shall have a specific gravity of 1.03 - 1.05 g/ml, a viscosity less than 300 cps at 25 degrees, a shelf life of 12-24 months, and freezing point of minus 5 degrees C.
- C. The Polydadmac must meet the requirements of the latest version of American Water Works Association Standard B451 and must be certified for use in drinking water under National Sanitation Foundation Standard 60 to a dosage of 10 mg/L.
- D. Each vendor must bid only one Polydadmac product, clearly indicating the product name on the bid. A technical information sheet on the product bid award will be based upon the lowest price per ton of active ingredient.
- E. Shippers must provide the necessary properly sized equipment to quickly unload their product into the designated storage tanks at the delivery site.
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**Specifications for Line #0040 (Ammonium Hydroxide Solution)**

- A. The 29.4% Ammonium Hydroxide Solution must be certified for use in drinking water Under National Sanitation Foundation Standard 60.
- B. The bid price of the Ammonium Hydroxide shall include any and all fees associated with drum return, such as environmental or cleaning fee.
- C. Shippers must provide necessary properly sized equipment to quickly unload their product at the delivery site.
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**Specifications for Line #0050 (Bulk Powdered Activated Carbon for Broad Spectrum)**

- A. The Powdered Activated Carbon must meet the requirements of the latest version of American Water Works Association Standard B600, must have a Phenol value of 1.8 - 3.2 g/L, and must be certified for use in drinking water under National Sanitation Foundation Standard 60.
  - B. Each vendor must bid only one PAC product, clearly indicating the product name on the bid. A technical information sheet on the product bid must accompany the bid.
  - C. Shippers must provide the necessary properly sized equipment to quickly unload their product into the designated storage tanks at the delivery site.
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**Specifications for Lines #0060 & #0070 (Liquid Chlorine)**

- A. The Liquid Chlorine must meet the requirements of the latest version of American Water Works Association Standard B301 and must be certified for use in drinking water under National Sanitation Foundation Standard 60.
  - B. A comprehensive Quality Tracking Program (QTP) must be submitted by the supplier with the bid proposal and annually thereafter. The QTP must address the required Chlorine purity specifications and include documentation and reporting protocols to insure Chlorine Cylinder Integrity.
  - C. Chlorine Cylinder Valves must be properly aligned and the valve threads must be in good condition upon receipt. Otherwise the cylinder will be rejected and returned to the vendor.
  - D. The Chlorine vendor shall provide an Annual Chlorine Safety Training Program at each waterworks facility as part of the contract obligation at no additional charge.
  - E. Shippers must provide the necessary equipment to quickly unload one ton cylinders at the delivery site and pick up empty cylinders. Any cost associated with the pickup and return of empty cylinders shall be included in the bid price.
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**Specifications for Item #0080 (Fluorosilicic Acid)**

- A. The Fluorosilicic Acid must meet the requirements of the latest version of American Water Works Association Standard B703 and must be certified for use in drinking water under National Sanitation Foundation Standard 60.
- B. The bid price of the Fluorosilicic Acid shall be made on a 100% dry basis such that a shipment of 25% Fluorosilicic Acid shall be paid at a rate of 25% of the bid price. A

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certified analysis indicating the percentage Fluorosilicic Acid must accompany each shipment.

- C. Shippers must provide the necessary properly sized equipment to quickly unload their product into the designated storage tanks at the delivery site.
- D. In the event that any commodity sought in this bid is the subject of a nationwide product shortage which can be verified by Jefferson Parish, then Jefferson Parish will agree to suspend the obligation of the vendor to supply that commodity during any period of its unavailability. Price is based on 100 % acidity adjusted basis and 20 ton minimum releases.

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**Specifications for Item #0090 (Liquid Aluminum Sulfate)**

- A. The Liquid Aluminum Sulfate must be approximately 48.5% by weight dry Aluminum Sulfate (  $Al_2(SO_4)_3 \cdot 14H_2O$ , MW=594) and meet the requirements of the latest version Of American Water Works Association Standard B403, and must be certified for use in drinking water under National Sanitation Foundation Standard 60.
  - B. The bid price of the Liquid Aluminum Sulfate shall be made on a 100% dry basis such that a shipment of 48.5% Liquid Aluminum Sulfate shall be paid at a rate of 48.5% of the bid price. A certified analysis indicating the percentage must accompany each shipment.
  - C. Shippers must provide the necessary properly sized equipment to quickly unload their product into the designated storage tanks at the delivery site.
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**Water Department Chemical Bid quantities**

**0001 Bulk Liquid Ammonia** delivered freight prepaid in 2 or 3 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**220 tons**

**0002 Zinc Sodium Hexametaphosphate** delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**120 tons**

**0003 Bulk PolyDADMAC Polyelectrolyte** delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**1300 tons**

**0004 Ammonium Hydroxide Solution, 29.4%,** in 55 gal drums delivered freight prepaid in 10 drum shipments to 171A Birch Lane, Grand Isle, LA 70358 as required .

**90 drums**

**0005 Bulk Powdered Activated Carbon** for broad spectrum organics removal delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**400 tons**

**0006 Liquid Chlorine** in one ton cylinders delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**1300 tons**

**0007 Liquid Chlorine** in 150 pound cylinders delivered in **1500 lb shipments** freight prepaid to West Jefferson Waterworks 171A Birch Lane, Grand Isle, LA 70358 as required

**30,000 pounds**

**0008 Bulk Fluorosilicic Acid** bid on a 100% dry basis delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**140 tons**

**0009 Bulk Liquid Aluminum Sulfate** bid on a 100% dry basis delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**3100 tons**

DATE: 8/26/2015

INVITATION TO BID  
THIS IS NOT AN ORDER

BID NO.: 50-00114227

**JEFFERSON PARISH**

Page: 1

PURCHASING DEPARTMENT

P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

BUYER: MCamardelle@jeffparish.net

BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 9/10/2015 AND PUBLICLY OPENED THEREAFTER.

**LATE BIDS WILL NOT BE ACCEPTED**

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

**NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.**

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

**THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS**

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

All vendors submitting bids must register as a Jefferson Parish vendor if not already yet registered. Bidders may be required to furnish current W-9 Forms and respective Tax Identification Numbers within 10 days after bid opening if such information is not on file or not up to date. Registration forms may be downloaded from [www.purchasing.jeffparish.net](http://www.purchasing.jeffparish.net) and clicking on Vendor Information.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)



JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

If the bid exceeds \$30,000.00 and the company is duly authorized to do business in the state of Louisiana, a corporate resolution must be submitted with the bid or the person signing the bid documents must be listed on the Louisiana Secretary of State's website as an officer of the corporation, unless bidder has otherwise complied with LSA-R.S. 38:2212(B)(5). If the bid is in excess of \$30,000 and bidder is registered out of the state of Louisiana, a corporate resolution must be submitted with the bid, unless bidder has otherwise complied with LSA-R.S. 38:2212(B)(5). Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. Bids submitted by Owner or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. Sole proprietors submitting bids for public works projects shall within 10 days after bid opening submit sole proprietorship certification.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

### INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. IN THE EVENT OF SPLIT AWARD, THE PURCHASING DEPARTMENT MAY CONTACT VENDORS TO REQUEST REQUIRED AFFIDAVITS. THOSE VENDORS WILL HAVE 10 DAYS FROM THE DATE OF NOTICE TO SUBMIT COMPLETE, SIGNED AND NOTARIZED AFFIDAVITS IN ORIGINAL FORMATS.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

Preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA-R.S.38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

### IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

**This Electronic Procurement System allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Please note requirements contained in this bid package for electronic bid submission.**

**Please visit the Purchasing Department webpage at <http://purchasing.jeffparish.net> to register and review Jefferson Parish solicitations.**

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

### ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE  
CORRESPONDING INSTRUCTIONS BELOW.

**5, 10, 12, 13, 15**

1. All bidders must attend the pre-bid conference in relation to this bid; attendance is mandatory. Failure to attend will prohibit a company from submitting a bid. Vendors arriving after the mandatory pre-bid conference begins will not be allowed to sign in as evidence of attendance.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicted on the attached sheet. The current certificate of insurance must be submitted by low bidder within 10 days after bid opening to the Purchasing Department. Failure to comply will cause bid to be rejected. JEFFERSON PARISH reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies) If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits (in Original Format) required; Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit and E-Verify Affidavit must be completed, signed, notarized and submitted by low bidder within 10 days after bid opening to the Purchasing Department on all solicitations for construction, alteration or demolition of public building or project, including but not limited to requirements found in LSA-RS 38:2212.9; LSA-RS 38:2212.10; LSA-RS 38:2224; Code of Ordinances, Jefferson Parish, Louisiana, Sec 2-923.1. Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format for the bid to be considered responsive.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits (in Original Format) required; Non-Collusion Affidavit, and Campaign Contribution Affidavit must be completed, signed, notarized and submitted by low bidder with bid submission within 10 days after bid opening to the Purchasing Department. See LSA-RS 38:2212.10; LSA-RS 38:2224; Code of Ordinances, Jefferson Parish, Louisiana, Sec 2-923.1 Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. For the convenience of vendors, all affidavits have been combined into one form entitled NON-PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format for the bid to be considered responsive.
16. Since a bid surety is required, bid response may not be faxed. Bid submission will only be accepted online or as delivered to the Purchasing Department, 200 Derbigny Street, Suite 4400, Gretna, LA 70053 by 11am on the bid due date. All sureties must be in original format (no copies).

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

**Are you requesting an escalation provision?**

YES     X     NO           

Up to max allowed by US Bureau of

**MAXIMUM ESCALATION PERCENTAGE REQUESTED \_\_\_\_\_% Labor Statistics National Index.**

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 12 months from award of contract

**DELIVERY: FOB JEFFERSON PARISH**

**INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES**

N/A

**LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable)**

N/A

**THIS SECTION MUST BE COMPLETED BY BIDDER:**

FIRM NAME: GEO Specialty Chemicals, Inc.

ADDRESS: 9213 Arch Street Pike

CITY, STATE: Little Rock, AR

ZIP: 72206

TELEPHONE: ( 501 ) 888-1211

FAX: (501 ) 888-1148

EMAIL ADDRESS: GEObiddesk@geosc.com

**Acknowledge Receipt of Addenda: NUMBER:** N/A

NUMBER:

NUMBER:

NUMBER:

TOTAL PRICE OF ALL BID ITEMS: \$

**AUTHORIZED**

**SIGNATURE:**

Patsy G. Hale

Printed Name \_\_\_\_\_

TITLE: Municipal & Resale Accounts Manager

**SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.**

**NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.**

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00114227

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	220.00	TN	<p>TWO (2) YEAR CONTRACT FOR VARIOUS CHEMICALS FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS - WATER</p> <p>0010 BULK LIQUID AMMONIA (DELIVERED FREIGHT PREPAID IN</p> <p>APPROXIMATELY 2 OR 3 TON SHIPMENTS TO BOTH THE EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).</p> <p>DELIVERY LOCATIONS:</p> <p>EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70072</p>	NO BID	NO BID
2	120.00	TN	<p>0020 ZINC SODIUM HEXAMETAPHOSPHATE (DELIVERED FREIGHT PREPAID IN 20 TON</p> <p>SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).</p> <p>DELIVERY LOCATION:</p> <p>EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70072</p>	NO BID	NO BID
3	1,300.00	TN	<p>0030 BULK POLYDADMAC POLYELECTROLYTE CLARIFLOC C-308P (DELIVERED FREIGHT</p> <p>PREPAID IN 20 TON SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).</p> <p>DELIVERY LOCATION:</p> <p>EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70072</p>	NO BID	NO BID
4	90.00	DRUM	<p>0040 AMMONIUM HYDROXIDE SOLUTION, 29.4% IN 55 GALLON DRUMS</p> <p>(DELIVERED FREIGHT PREPAID IN 10 DRUM SHIPMENTS AS REQUIRED).</p> <p>DELIVERY TO: GRAND ISLE, LA 70358</p>	NO BID	NO BID
5	400.00	TN	<p>0050 BULK POWDERED ACTIVATED CARBON FOR BROAD SPECTRUM ORGANICS REMOVAL</p> <p>(DELIVERED FREIGHT PREPAID IN 20 TON SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).</p> <p>DELIVERY LOCATION:</p> <p>EASTBANK PLANT - JEFFERSON, LA 70121</p>	NO BID	NO BID

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00114227

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
6	1,300.00	TN	WESTBANK PLANT - MARRERO, LA 70072  0060 LIQUID CHLORINE IN 1 TON CYLINDERS (CYLINDERS DELIVERED FREIGHT PREPAID  IN 20 TON SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).  DELIVERY LOCATION:  EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70072	NO BID	NO BID
7	30,000.00	LB	0070 LIQUID CHLORINE IN 150 POUND CYLINDERS  (CYLINDERS DELIVERED IN 1500 LB SHIPMENTS FREIGHT PREPAID AS REQUIRED)  DELIVERY TO: GRAND ISLE, LA 70358	NO BID	NO BID
8	140.00	TN	0080 BULK FLUOROSILICIC ACID BID ON A 100% DRY BASIS (DELIVERED FREIGHT  PREPAID IN 20 TON SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).  DELIVERY LOCATION:  EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70075	NO BID	NO BID
9	3,100.00	TN	0090 BULK LIQUID ALUMINUM SULFATE BID ON A 100% DRY BASIS (DELIVERED FREIGHT PREPAID IN 20 TON SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).  DELIVERY LOCATION: EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70072	\$276.97	\$858,607.00

\*\*\* See Attachment "Authority to Sign" \*\*\*

**CORPORATE RESOLUTION**

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF  
\_\_\_\_\_  
INCORPORATED.

AT THE MEETING OF DIRECTORS OF \_\_\_\_\_  
INCORPORATED, DULY NOTICED AND HELD ON \_\_\_\_\_,  
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
WAS:

RESOLVED THAT \_\_\_\_\_, BE AND IS HEREBY  
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-  
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON  
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS  
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,  
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE  
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,  
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES  
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS  
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING  
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-  
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE  
A TRUE AND CORRECT COPY OF AN  
EXCERPT OF THE MINUTES OF THE ABOVE  
DATED MEETING OF THE BOARD OF  
DIRECTORS OF SAID CORPORATION, AND  
THE SAME HAS NOT BEEN REVOKED OR  
RESCINDED.

\_\_\_\_\_  
**SECRETARY-TREASURER**

\_\_\_\_\_  
**DATE**

---

## **Non-Public Works Bid Affidavit Instructions**

- Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.
- Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.
- Affidavit must be notarized or the affidavit will not be accepted.
- Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.
- Affiant **MUST** select either A or B when required or the affidavit will not be accepted.
- Affiants who select choice A must include an attachment or the affidavit will not be accepted.
- If both choice A and B are selected, the affidavit will not be accepted.
- Affidavit marked N/A will not be accepted.
- It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.

*Instruction sheet may be omitted when submitting the affidavit*



**Non-Public Works Bid****AFFIDAVIT**STATE OF Arkansas~~PARISH~~ COUNTY OF Pulaski

BEFORE ME, the undersigned authority, personally came and appeared: \_\_\_\_\_

Patsy G. Hale, (Affiant) who after being by me duly sworn, deposed and said that  
Municipal & Resale GEO Specialty  
he/she is the fully authorized Accounts Manager of Chemicals, Inc. (Entity),  
the party who submitted a bid in response to Bid Number 50-00114227, to the Parish of  
Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required  
attachment):

Choice A X Attached hereto is a list of all campaign contributions, including  
the date and amount of each contribution, made to current or  
former elected officials of the Parish of Jefferson by Entity,  
Affiant, and/or officers, directors and owners, including  
employees, owning 25% or more of the Entity during the two-year  
period immediately preceding the date of this affidavit or the  
current term of the elected official, whichever is greater. Further,  
Entity, Affiant, and/or Entity Owners have not made any  
contributions to or in support of current or former members of the  
Jefferson Parish Council or the Jefferson Parish President through  
or in the name of another person or legal entity, either directly or  
indirectly.

Choice B \_\_\_\_\_ there are **NO** campaign contributions made which would require  
disclosure under Choice A of this section.

Debt Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A** \_\_\_\_\_ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

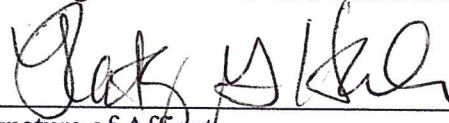
**Choice B** X There are NO debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

*[The remainder of this page is intentionally left blank.]*

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.



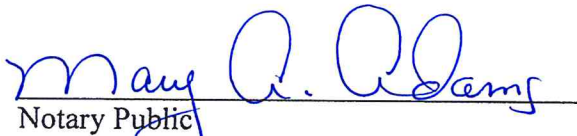
Signature of Affiant

Patsy G. Hale

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 4th DAY OF September, 2005.



Notary Public

Mary A. Adams

Printed Name of Notary

12368100

Notary/Bar Roll Number

My commission expires 10-28-2018.



**INSURANCE REQUIREMENTS - BIDS**

All insurance requirements shall conform to Jefferson Parish Resolution No. 113646 or No. 113647. The contractor shall not commence work under this contract until he has obtained all insurance and complied with the requirements of the specifications and said Parish Resolutions. Except as otherwise provided by law, the Parish Attorney's Office with the concurrence of the Director of Risk Management is authorized to omit in whole or part the insurance requirements of this section in connection with contracts. Vendors inquiring about this shall submit his written request to the Purchasing Department prior to the due date of the bid. Contractor must deliver and maintain such insurances as provided; failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

*Successful bidder will be required to procure standard insurance policies evidencing Parish mandated insurance requirements indicated below. The current certificate of insurance must be submitted by low bidder within 10 days after bid opening to the Purchasing Department. Failure to comply will cause bid to be rejected.*

**1. WORKER'S COMPENSATION INSURANCE**

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

**2. COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

**3. COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.  
Property Damage Liability \$1,000,000.00 each occurrence.

**DEDUCTIBLES**

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office.

**UMBRELLA LIABILITY COVERAGE**

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An umbrella policy or excess may be used to meet minimum requirements.

**CONSTRUCTION AND RENOVATION PROJECTS:**

Unless otherwise specified in the bid, these additional insurance is required. Such insurance is due upon contract execution.

**OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

**BUILDER'S RISK INSURANCE**

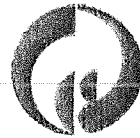
The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

**NOTE for CERTIFICATE HOLDER:**

All insurance certificates shall list the certificate holder as follows:

"The Parish of Jefferson, its Districts, Departments and Agencies under the direction of the Parish President and the Parish Council." Additionally, the address on the Certificates should reflect the department which is letting the bid and reference the respective bid number.

Revised 2.10.2014



G E O<sup>®</sup>

SPECIALTY CHEMICALS

### Authority to Sign

I, William P. Eckman, Executive Vice-President and CFO, GEO Specialty Chemicals, Inc., hereby authorize Patsy G. Hale, Municipal & Resale Accounts Manager for GEO Specialty Chemicals, Inc. Water Treatment Chemicals Division, to sign on a Municipal Bid document as an authorized representative for GEO Specialty Chemicals, Inc.

William P. Eckman, Executive Vice-President/CFO

GEO Specialty Chemicals, Inc

401 S. Earl Avenue

Lafayette, IN 47904

(765) 448-9412

Established:

May, 1992

State of Incorporation:

Ohio

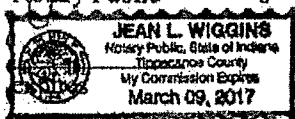
Secretary or Secretary Assistant Attested

5/5/15

Date

Sworn to and subscribed before me on this 5<sup>th</sup> day of May 2015.

Notary Public





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/26/2014

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).

<b>PRODUCER</b> Regions Insurance, Inc. 1465 E. Joyce Blvd., Ste 205 Fayetteville, AR 72703  <a href="http://www.regions.com/rig.rf">http://www.regions.com/rig.rf</a>	<b>CONTACT NAME:</b> Katherine Foster	
	<b>PHONE (A/C, No, Ext):</b> 479-684-5219 <b>FAX (A/C, No):</b>	
<b>INSURED</b> GEO Specialty Chemicals, Inc P.O. Box 4747 401 South Earl Avenue, Ste 3A Lafayette IN 47903-4747	<b>E-MAIL ADDRESS:</b> katherine.foster@regions.com	
	<b>INSURER(S) AFFORDING COVERAGE</b>	
	<b>INSURER A:</b> Chartis Specialty Insurance Co	<b>NAIC #</b> 26883
	<b>INSURER B:</b> Commerce and Industry Ins Co	19410
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
<b>INSURER E:</b>		
<b>INSURER F:</b>		

**COVERAGES****CERTIFICATE NUMBER:** 22490383**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 INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <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 OTHER:	<input checked="" type="checkbox"/>	EG7172776	12/1/2014	12/1/2015	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	<input checked="" type="checkbox"/>	CA5054271	12/1/2014	12/1/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> <b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED RETENTION S					EACH OCCURRENCE \$ AGGREGATE \$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> Y <input type="checkbox"/> N/A	WC038330497	12/1/2014	12/1/2015	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

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

JEFFERSON PARISH IS INCLUDED AS ADDITIONAL INSURED UNDER GENERAL LIABILITY AND AUTOMOBILE LIABILITY BUT ONLY AS REQUIRED BY WRITTEN CONTRACT.

**CERTIFICATE HOLDER****CANCELLATION**

Jefferson Parish  
Jefferson Parish Gen Gov Bldg  
200 Derbigny St  
Purchasing Dept, Ste 4400  
Gretna LA 70053

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

Bud Baldwin

*Warren Bud Baldwin*

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**E-Verify** Employment Eligibility Verification

Exit

**Company Information**

Company Name: Geo Specialty Chemicals Inc

[View / Edit](#)**Physical Location:****Mailing Address:**

Address 1: 401 South Earl Ave Ste 3

Address 1: 401  
South Earl Ave

Address 2:

Address 2:

City: Lafayette

City: Lafayette

State: IN

State: IN

Zip Code: 47904

Zip Code: 47904

County: TIPPECANOE

Employer Identification Number: 341708689

Total Number of Employees: 100 to 499

Corporate / Parent Company:

**Organization Designation:**

Employer Category: None of these categories apply

NAICS Code: 325 - CHEMICAL MANUFACTURING (325)

[View / Edit](#)**Hiring Sites:**[View / Edit](#)

INDIANA	1
GEORGIA	3
ARKANSAS	1
LOUISIANA	3
ALABAMA	2
MARYLAND	1
MISSISSIPPI	1
NEW JERSEY	2
NORTH CAROLINA	1
PENNSYLVANIA	2
TENNESSEE	3
SOUTH CAROLINA	1
TEXAS	1

**E-Verify Users:**[View / Edit](#)

Last Name	First Name	M.I.	Phone	E-mail
Eckman	William	P	(765) 448 - 9412	caren.shedd@geosc.com MOU Signatory
Shedd	Caren	C	(765) 448 - 9412	caren.shedd@geosc.com
Allen	Theresa	A	(765) 448 - 9412	theresa.allen@geosc.com
Wiggins	Jean		(765) 448 - 9412	jean.wiggins@geosc.com

I certify that the information provided for this registration is correct. I am aware that Federal law provides for imprisonment and/or fines for knowing false statements or other fraudulent conduct in connection with this registration. I am aware that providing any false information may be grounds for terminating participation in E-Verify.





The Public Health and Safety Organization

## NSF Product and Service Listings

These NSF Official Listings are current as of **Tuesday, September 08, 2015** at 12:15 a.m. Eastern Time. Please [contact NSF International](#) to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information: <http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=GEO+Specialty+Chemicals&ChemicalName=Aluminum+Sulfate&PlantState=Mississippi+MS&>

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

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#### Geo Specialty Chemicals

9213 Arch Street Pike

Little Rock, AR 72206

United States

800-453-2586

501-888-1211

[Visit this company's website \(http://www.geosc.com\)](http://www.geosc.com)

**Facility :** Monticello, MS

#### Aluminum Sulfate[AL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Acid Alum 7%	Coagulation & Flocculation	150mg/L
Alum	Coagulation & Flocculation	150 mg/L
Aluminum Sulfate	Coagulation & Flocculation	150 mg/L
Aluminum Sulfate Solution	Coagulation & Flocculation	150 mg/L
Liquid Alum	Coagulation & Flocculation	150 mg/L

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

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Number of matching Manufacturers is 1

Number of matching Products is 5



**G E O<sup>®</sup>**  
SPECIALTY CHEMICALS

**Product Specifications**  
**Aluminum Sulfate, Solution - Commercial,**  
**Technical Grade**

Formula	Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> (in aqueous solution)															
Nomenclature	Aluminum Sulfate, Solution Liquid Alum															
CAS Number	10043-01-3															
CAS Index Name	Sulfuric Acid, Aluminum Salt (3:2)															
Grade	Technical															
Molecular Weight	342.2 (Anhydrous)															
Description	Aluminum Sulfate, Solution - Commercial, technical grade color ranges from clear to light amber. It complies with the specifications of the American Water Works Association B403-09. It has been certified by the National Sanitation Foundation (NSF) for use in the treatment of drinking water at a maximum dosage of 150 mg/L (dry basis).															
Specifications	<table><tr><td>Assay {As available Water Soluble Al<sub>2</sub>O<sub>3</sub>}:</td><td>8.0% min.</td></tr><tr><td>    {As Aluminum Sulfate, Anhydrous [Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>] }:</td><td>26.8% min.</td></tr><tr><td>    {As Aluminum Sulfate, Dry [Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>·14.3H<sub>2</sub>O]}:</td><td>47.1% min.</td></tr><tr><td>Water Soluble Iron (as Fe<sub>2</sub>O<sub>3</sub>):</td><td>0.35% max.</td></tr><tr><td>Water Insoluble Material:</td><td>0.20% max.</td></tr></table> <p><i>Note: Depending on local requirements, solutions of variable acidity or basicity may be produced, as well as lower assay.</i></p>		Assay {As available Water Soluble Al <sub>2</sub> O <sub>3</sub> }:	8.0% min.	{As Aluminum Sulfate, Anhydrous [Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> ] }:	26.8% min.	{As Aluminum Sulfate, Dry [Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> ·14.3H <sub>2</sub> O]}:	47.1% min.	Water Soluble Iron (as Fe <sub>2</sub> O <sub>3</sub> ):	0.35% max.	Water Insoluble Material:	0.20% max.				
Assay {As available Water Soluble Al <sub>2</sub> O <sub>3</sub> }:	8.0% min.															
{As Aluminum Sulfate, Anhydrous [Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> ] }:	26.8% min.															
{As Aluminum Sulfate, Dry [Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> ·14.3H <sub>2</sub> O]}:	47.1% min.															
Water Soluble Iron (as Fe <sub>2</sub> O <sub>3</sub> ):	0.35% max.															
Water Insoluble Material:	0.20% max.															
Typical Properties	<table><tr><td>For 8.1% Al<sub>2</sub>O<sub>3</sub> solution:</td><td></td></tr><tr><td>Density (pounds per gallon of water at 60°F):</td><td>11.075</td></tr><tr><td>Concentration (pounds of Dry Alum)</td><td></td></tr><tr><td>    (17% Al<sub>2</sub>O<sub>3</sub>) per gallon:</td><td>5.28</td></tr><tr><td>Concentration (pounds Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub> per gallon):</td><td>3.01</td></tr><tr><td>Freezing Point (crystallization):</td><td>4°F</td></tr><tr><td>Baumé (60°F):</td><td>35.85</td></tr></table>		For 8.1% Al <sub>2</sub> O <sub>3</sub> solution:		Density (pounds per gallon of water at 60°F):	11.075	Concentration (pounds of Dry Alum)		(17% Al <sub>2</sub> O <sub>3</sub> ) per gallon:	5.28	Concentration (pounds Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> per gallon):	3.01	Freezing Point (crystallization):	4°F	Baumé (60°F):	35.85
For 8.1% Al <sub>2</sub> O <sub>3</sub> solution:																
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Concentration (pounds of Dry Alum)																
(17% Al <sub>2</sub> O <sub>3</sub> ) per gallon:	5.28															
Concentration (pounds Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> per gallon):	3.01															
Freezing Point (crystallization):	4°F															
Baumé (60°F):	35.85															
Containers	23-ton net weight Tank Trucks 54-ton and 96-ton net weight Tank Cars															
Uses	Leather: In leather tanning and fur dressing. Metallurgy: In the pickling of metals. Pulp and Paper: In paper manufacturing. Textiles: A mordant in dyeing. Water Treatment: In coagulation and flocculation.															

## SAFETY DATA SHEET

Revision date 2015-03-12

Revision number 1

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product identifier

Product name Aluminum Sulfate Solution

#### Other means of identification

Product code 3204M  
Synonyms Sulfuric Acid, Aluminum Salt (3:2)

#### Recommended use of the chemical and restrictions on use

Recommended use [RU] No information available  
Uses advised against No information available

#### Details of the supplier of the safety data sheet

Supplier GEO Specialty Chemicals, Inc.  
9213 Arch Street Pike  
Little Rock, AR 72206  
1-800-453-2586  
Hours: Monday-Friday 9:00-5:00 CST (Central Standard Time)

#### Emergency telephone number

24 Hour Emergency Phone Number CHEMTREC: (800) 424-9300  
Outside USA - 00 1 (703) 527-3887 collect calls accepted

Contact Point safety-data-sheet-fp@geosc.com

### 2. HAZARDS IDENTIFICATION

#### Classification

##### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Corrosive to metals	Category 1

#### GHS Label elements, including precautionary statements

**EMERGENCY OVERVIEW**

<b>Physical state</b> liquid	<b>Color</b> colorless to yellow-brown or yellow-green	<b>Appearance</b> clear	<b>Odor</b> odorless
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**DANGER****Hazard statements**

Causes severe skin burns and eye damage  
May be corrosive to metals

**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Keep only in original container

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  
Absorb spillage to prevent material damage

**Precautionary Statements - Storage**

Store locked up  
Store in corrosive resistant container with a resistant inner liner

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

- Not applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS-No	weight-%	TRADE SECRET
Aluminum sulfate	10043-01-3	< 30%	*
Water	7732-18-5	> 70%	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****First Aid Measures**



**Eye contact**

Remove contact lenses, if worn. Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire surface. Washing within one minute is essential to achieve maximum effectiveness. Seek medical advice immediately.

**Skin contact**

Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

**Ingestion**

Do not induce vomiting. Give large amounts of water followed by milk if available. If vomiting should occur spontaneously, keep airway clear. Seek medical advice immediately. Never give anything by mouth to an unconscious person.

**Inhalation**

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Most important symptoms and effects, both acute and delayed****Acute effects**

Possible eye, skin, and respiratory tract irritation or burns.

**Chronic effects**

May aggravate existing skin, eye, and lung conditions. Persons with kidney disorders have an increased risk from exposure based on general information found on aluminum salts.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Aluminum soluble salts may cause gastroenteritis if ingested. Treatment includes the use of demulcents. Note: Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media****Suitable extinguishing media**

Not combustible. Use appropriate extinguishing media for material that is supplying fuel. Use water spray to cool the surrounding area and maintain fire temperature below decomposition temperature.

**Extinguishing media which must not be used for safety reasons**

No information available

**Special hazards arising from the substance or mixture****Special Hazard**

At temperatures above 650 °C (1202 °F) the product will decompose to give off sulfur trioxide, an oxidizing agent that will support combustion. Sulfur trioxide will react with water to yield sulfuric acid.

**Advice for firefighters****Firefighting measures**

Cool exposed containers with water spray after extinguishing fire.

**Special protective equipment for firefighters**

Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

**Explosion data****Sensitivity to Mechanical Impact**

None.

**Sensitivity to Static Discharge**  
None.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions**  
Wear suitable protective clothing and gloves.

### Environmental precautions

**Environmental precautions**  
Do not flush into surface water or sanitary sewer system.

### Methods and material for containment and cleaning up

**Methods for containment**  
Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**  
Soak up small spills with inert absorbent material and place in a labeled waste container for disposal. Clean up large spills with vacuum truck. Provide adequate ventilation to spill area.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling**  
Keep container closed when not in use  
Avoid contact with eyes, skin and clothing  
Wear chemical splash goggles, gloves, and protective clothing when handling.  
Wash thoroughly after handling  
Avoid breathing vapor or mist  
Use with adequate ventilation and employ respiratory protection where mist or vapors may be generated.  
Do not take internally  
FOR INDUSTRIAL USE ONLY.

### Conditions for safe storage, including any incompatibilities

**Technical measures and storage conditions**  
Store in a cool, dry place away from direct heat.  
Do not store below 40°F (5°C).  
Product may congeal or stratify if cold.  
Warm to 122° F (50° C) and mix well before using.  
Keep material from coming in contact with common metals due to the corrosive nature of this product.

**Incompatible products**  
Aluminum sulfate reacts with strong alkali to form aluminum hydroxide. This product may be weakly corrosive to carbon steel and incompatible with strong oxidizing agents, iron, copper, or copper alloys.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines**  
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls****Engineering controls**

Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Please refer to the ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details. If there are no applicable or established exposure limit requirements or guidelines, general ventilation should be sufficient.

**Individual protection measures, such as personal protective equipment****Eye/face Protection**

Wear chemical splash goggles and face shield (when eye and face contact is possible due to splashing or spraying of material).

**Hand Protection**

Appropriate chemical resistant gloves should be worn.

**Skin and body protection**

Standard work clothing and work shoes.

**Respiratory protection**

If exposures exceed the PEL or TLV, use NIOSH/MSHA approved respirator in accordance with OSHA Respiratory Protection Requirements under 29 CFR 1910.134. If there are no applicable or established exposure limit requirements or guidelines, general ventilation should be sufficient.

**Other personal protection data**

Eyewash fountains and safety showers must be easily accessible.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

Physical state	liquid
Color	colorless to yellow-brown or yellow-green
Appearance	clear
Odor	odorless
Odor threshold	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks / Method</u></b>
pH	3.5	solution (1 %)
Melting / freezing point	-15 - -1 °C / 4 - 30 °F	No information available
Boiling point / boiling range	101 °C / 214 °F	No information available
Flash point	Not applicable	No information available
Evaporation rate	No information available	No information available
Flammability (solid, gas)	No information available	No information available
Flammability Limit in Air		
Upper flammability limit	Not applicable	No information available
Lower flammability limit	Not applicable	No information available
Vapor pressure	No information available	No information available
Vapor density	No information available	No information available

Specific gravity	1.31 - 1.33	No information available
Solubility (water)	Soluble	No information available
Solubility in other solvents	No information available	No information available
Partition coefficient: n-octanol/water	No information available	No information available
Autoignition temperature	Not applicable	No information available
Decomposition temperature	No information available	No information available
Kinematic viscosity	No information available	No information available
Dynamic viscosity	No information available	No information available

**Other information**

Density	11.075 lb/gal
Bulk Density	No information available
Explosive properties	No information available.
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
Volatile organic compounds (VOCs) content	No information available
Percent Volatile, wt. %	No information available

**10. STABILITY AND REACTIVITY****Reactivity**

**Reactivity**  
No data available.

**Chemical stability**

**Chemical stability**  
Stable under normal conditions of handling, use and transportation.

**Possibility of hazardous reactions**

**Possibility of hazardous reactions**  
None under normal processing.

**Hazardous polymerization**  
Not anticipated under normal or recommended handling and storage conditions.

**Conditions to avoid**

**Conditions to avoid**  
High temperatures greater than 650° C (1202° F) as material may decompose to form aluminum oxide and sulfur trioxide (an oxidizing agent that supports combustion).

**Incompatible materials**

**Materials to avoid**  
Aluminum sulfate reacts with strong alkali to form aluminum hydroxide. This product may be weakly corrosive to carbon steel and incompatible with strong oxidizing agents, iron, copper, or copper alloys.



**Hazardous decomposition products**

**Hazardous decomposition products**  
Sulphur oxides. Aluminum oxide.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Eye contact**

Based on pH, this product is expected to cause severe eye irritation, possibly resulting in burns and eye damage. Prolonged exposure to Aluminum salts may cause conjunctivitis.

**Skin contact**

Prolonged and/or repeated contact will cause severe skin irritation and burns.

**Ingestion**

May cause burns of the mouth, throat and stomach. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Inhalation**

Inhalation of mist or spray may irritate respiratory tract and may cause burns and difficulty breathing.

**Acute toxicity - Product Information**

<b>Oral LD50</b>	6207 (mouse) <sup>1</sup>
<b>Dermal LD50</b>	No information available
<b>Inhalation LC50</b>	No information available

**Acute toxicity - Component Information**

Component	weight-%	Oral LD50	Dermal LD50	Inhalation LC50
Aluminum sulfate 10043-01-3	< 30%	= 1930 mg/kg ( Rat )	--	--

**Information on toxicological effects****Symptoms**

No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin corrosion/irritation**

No information available

**Serious eye damage/eye irritation**

Severe eye irritation- rabbit- 10 mg/24 hour <sup>3</sup>

**Sensitization**

No information available

**Germ cell mutagenicity**

No information available

**Carcinogenicity**

This product does not contain any components in concentrations greater than or equal to 0.1% that are listed as known or suspected carcinogens by NTP, IARC, ACGIH, or OSHA.

**Reproductive toxicity**

No information available

**Specific target organ toxicity - Single exposure**

No information available.

**Specific target organ toxicity - Repeated exposure**

No information available

**Aspiration hazard**

No information available.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 7148 mg/kg

**Other information**Unreported route- Guinea pig LD50: 490 mg/kg <sup>4</sup>Unreported route- Mouse LD50: 520 mg/kg <sup>4</sup>Unreported route- Rat LD50: 410 mg/kg <sup>4</sup>

<sup>1</sup> British Journal of Industrial Medicine. (British Medical Journal, 1172 Commonwealth Ave., Boston, MA 02134) V.1 - 1960-

<sup>2</sup> Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences (Paris, France) V.1-261,1835-1965.

<sup>3</sup> National Technical Information Service. (Springfield, VA 22161) Formerly US Clearinghouse for Scientific & Technical Information) (NIOSH Registry of Toxic Effects of Chemical Substances RTECS#:BD1700000)

<sup>4</sup> Gigena I Sanitariya. (V/O Mezhdunarodnaya Kniga, 113095 Moscow, USSR) V.1- 1936- (For English translation see Hygiene and Sanitation (USSR). (Springfield, VA) 1964-71. Discontinued). (NIOSH Registry of Toxic Effects of Chemical Substances RTECS#:BD1700000)

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity****Acute aquatic toxicity - Product Information**

**Fish** See ECOTOX: Ecotoxicological Database at <http://www.epa.gov/ecotox>

**Crustacea** See ECOTOX: Ecotoxicological Database at <http://www.epa.gov/ecotox>

**Algae/aquatic plants** No information available

**Acute aquatic toxicity - Component Information**

Component	weight-%	Algae/aquatic plants	Fish	Toxicity to daphnia and other aquatic invertebrates
Aluminum sulfate 10043-01-3	< 30%	--	LC50 (96 h) = 100 mg/L (Carassius auratus) LC50 (96 h static) = 37 mg/L (Gambusia affinis)	EC50 (15 min) = 136 mg/L (Daphnia magna)

**Persistence and degradability****Persistence and degradability**

No information available

**Bioaccumulative potential****Bioaccumulative potential**

No information available

**Mobility**

**Mobility**

No information available

**Results of PBT and vPvB assessment****PBT and vPvB assessment**

No information available

**Other adverse effects****Other information**

No other ecological studies have been carried out on this product.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Disposal of wastes**

Do NOT mix with other chemical wastes. Do not put solutions containing this product into sewer systems. Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable Federal, state and local regulations.

**Contaminated packaging**

Since empty containers retain product residue, follow label warnings even after container is emptied.

**RCRA**

Is the unused product a RCRA hazardous waste if discarded? (Yes/No)

Yes

If yes, the EPA Hazardous Waste Code is:

D002 (corrosivity)

**14. TRANSPORT INFORMATION****DOT**

Regulated in quantities above RQ.

Reportable Quantity (RQ)  
DOT Shipping Name > RQ

17,500 lbs in solution  
UN3264, Corrosive Liquid, Acidic, Inorganic, N.O.S. (contains aluminum sulfate solution), 8,  
PG III, RQ, ERG # 154

**ICAO/IATA**

Regulated

UN number  
Proper shipping name  
Hazard class  
Packing group  
ERG Code

UN3264  
Corrosive Liquid, Acidic, Inorganic, N.O.S. (aluminum sulfate solution)  
8  
III  
8L

**IMDG**

Regulated

UN number  
Proper shipping name  
Hazard class  
Packing group  
EmS

UN3264  
Corrosive Liquid, Acidic, Inorganic, N.O.S. (aluminum sulfate solution)  
8  
III  
F-A; S-B

**Harmonized Tariff Number**

2833.22

**15. REGULATORY INFORMATION****International Inventories****TSCA (United States)**

All ingredients are on the inventory or exempt from listing

**Australia (AICS)**

All ingredients are on the inventory or exempt from listing

**Canada (DSL)**

All ingredients are on the inventory or exempt from listing

**Canada (NDSL)**

None of the ingredients are on the inventory.

**China (IECSC)**

All ingredients are on the inventory or exempt from listing

**EINECS (European Inventory of Existing Chemical Substances)**

All ingredients are on the inventory or exempt from listing

**ELINCS (European List of Notified Chemical Substances)**

None of the ingredients are on the inventory.

**ENCS (Japan)**

All ingredients are on the inventory or exempt from listing

**South Korea (KECL)**

All ingredients are on the inventory or exempt from listing

**Philippines (PICCS)**

All ingredients are on the inventory or exempt from listing

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

AICS - Australian Inventory of Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

IECSC - China Inventory of Existing Chemical Substances

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

**U.S. Federal Regulations****CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Component	CERCLA/SARA Hazardous Substance RQ	CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs	Calculated Product RQ
Aluminum sulfate 10043-01-3	5000 lb final RQ; 2270 kg final RQ	--	17,500 lbs in solution

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Component	CWA - Hazardous Substances	CWA - Reportable Quantities	CWA - Priority Pollutants	CWA - Toxic Pollutants
Aluminum sulfate 10043-01-3	Present	5000 lb RQ	--	--

**SARA 311/312 Hazard Categories**

Acute health hazard	Yes
Chronic health hazard	No
Fire hazard	No

Sudden release of pressure hazard No  
Reactive hazard No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Aluminum sulfate 10043-01-3	
Massachusetts Right to Know Law	Present
Minnesota Hazardous Substance List	Present
New Jersey Right to Know List	sn 0068
Pennsylvania Right to Know List	Environmental hazard

**16. OTHER INFORMATION**

NFPA Rating      Health - 2                      Flammability - 0                      Instability - 0                      Special Hazard -  
HMIS Rating      Health - 2                      Flammability - 0                      Physical hazard - 0                      Personal protection - X

Product code                      3204M

Revision date                      2015-03-12

Revision number                      1

**Disclaimer**

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

End of Safety Data Sheet



164431

**Form W-9**  
 (Rev. October 2007)  
 Department of the Treasury  
 Internal Revenue Service

**Request for Taxpayer  
 Identification Number and Certification**

Give form to the  
 requester. Do not  
 send to the IRS.

Name (as shown on your income tax return)  
**40 Specialty Chemicals Inc**

Business name, if different from above

Check appropriate box: ☐ Individual/Sole proprietor ☒ Corporation ☐ Partnership  
☐ Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) > ..... ☐ Exempt payee  
☐ Other (see instructions) >

Address (number, street, and apt. or suite no.)  
**401 S. Earl Ave Ste 3A**

City, state, and ZIP code  
**Lafayette IN 47904**

Requester's name and address (optional)  
**see email attached →**

Last account number(s) here (optional)

**Taxpayer Identification Number (TIN)**

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number  
 OR  
 Employer identification number  
**34-1708089**

**Certification**

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below).

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here Signature of U.S. person **Dorian White** Date **3-10-10**

### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

#### Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued);
2. Certify that you are not subject to backup withholding; or
3. Claim exemption from backup withholding if you are a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

**Definition of a U.S. person.** For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

**Special rules for partnerships.** Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity.