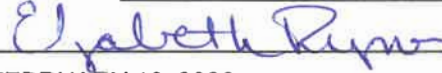


**BAY AREA CHEMICAL CONSORTIUM  
STANDARD AGREEMENT, PAGE 1 OF 2  
BID NO.01-2026  
SUPPLY AND DELIVERY OF ALUMINUM SULFATE**

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

Company: CHEMTRADE CHEMICALS US LLC  
Address: 90 EAST HALSEY ROAD, SUITE 200  
City, State, ZIP: PARSIPPANY, NJ 07054  
Phone: 800-441-2659  
Email: bids@chemtradelogistics.com  
Authorized Representative: ELIZABETH RYNO, BID SPECIALIST  
Signature:   
Date: FEBRUARY 18, 2026

NONE RECEIVED

**WE ACKNOWLEDGE RECEIVING ADDENDUM/ADDENDA NUMBER \_\_\_\_\_ THROUGH \_\_\_\_\_.**

**SPECIFIC DEVIATIONS:**

This box must be checked if bidder has any proposed specific deviations. Per Section 2.12 Proposed Deviations from the Specifications by the Bidder, the absence of a proposed change in the specifications will hold the bidder strictly accountable to the specifications as described in the bid document, including any addendum.

Describe the specific deviations below. A copy of the proposed specifications must be attached to this Standard Agreement at the time of submission, with bidder's name clearly shown on each document. Please note an additional \$0.60 / gallon will be assessed for Aluminum Sulfate

Loads of less than 2,000 gallons.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Description of Emergency Supply Plan:** Provide a summary of vendor's plans to continue to supply product in the event of an unexpected disaster or urgent emergency event.  
\*\*\* PLEASE SEE ATTACHED \*\*\*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**STANDARD AGREEMENT, PAGE 2 OF 2**



Water Chemicals Group

90 East Halsey Road  
Parsippany, NJ 07054  
Tel: 800-441-2659  
Fax: 973-515-4461

### **Emergency Delivery Plan Chemtrade Chemicals**

Chemtrade Chemicals is fully prepared, and possesses the necessary resources, to support municipal customers under conditions that may require extraordinary measures. We take both *preventative measures and a comprehensive back-up procedure* have been implemented to assure that alum requirements are fully satisfied, even in the unlikely event of a disaster.

In order to prepare for any potential disruption in service, Chemtrade Chemicals has implemented the following preventative measures to assure that our customers' requirements are always satisfied:

- Chemtrade Chemicals maintains key raw material inventory levels of aluminum hydrate and sulfuric acid on site at all times. In the unlikely event of a raw material transportation delay, products can be produced from raw materials on site providing, on average 15-day alum supply. Back-up trucking of key raw materials from one of Chemtrade Chemical's alternate production facilities (over 30 in North America, back-up facilities typically within 300 miles of a customer's location) will allow for an uninterrupted supply line to the customer.
- Chemtrade Chemicals maintains our manufacturing plants finished goods inventory as close to capacity as possible. Storage of finished product on average provides additional day's alum supply.
- The above referenced raw material management and finished inventory storage, allows Chemtrade Chemicals to supply product demand to all customers for a full 3 weeks.
- All critical or long lead-time spare parts for manufacturing equipment are maintained on site. Other spare parts are within a 24-hour reach of each plant. In the event of equipment malfunction, all necessary items will be on hand and available within 24 hours.

#### **Disruption of Product, Power Outages, Sources of Supply, Strike:**

In addition to the above preventative measures, Chemtrade Chemicals will also implement the following procedure in the unlikely event of a disaster resulting in complete shutdown of operations:

1. Material will be initially supplied from storage providing a minimum 5-day supply, even during worst-case peak scenarios.
2. One local back-up plant is located within 300 miles of your facilities, will supply material as required, within 24 hours, to either the customer or to Chemtrade Chemicals' storage tanks. Shipments from back-up plants will begin immediately to assure that the customer's supply is never interrupted.

#### **Summary:**

Chemtrade Chemicals (formerly General Chemical) has been producing alum in North America since 1912. The NSF and ISO-9002 certification of our entire network of over 30 manufacturing plants and technical resources ensure that Chemtrade Chemicals will consistently provide our municipal customers with the highest level of quality and technical service available in the industry. Chemtrade Chemicals' 24-hour customer service, and back-up production facilities provide for the most comprehensive and dependable service even in the event of unforeseen emergencies.





**CHEMTRADE**

**Water Chemicals Group**

**90 East Halsey Road  
Parsippany, NJ 07054  
Tel: 800-441-2659  
Fax: 973-515-4461  
[www.chemtradelogistics.com](http://www.chemtradelogistics.com)**

**REFERENCES:**

The following is a list of 3 customers Chemtrade Chemicals US LLC currently supplies with Liquid Aluminum Sulfate for the 2024 and 2025 calendar years (and prior).

If more specific information is needed, please contact our office at 1-800-441-2659.

City of Fairfield

1000 Webster Street

Fairfield, CA 94533

Contact: Allan Brown

Phone: (707) 428-7680 Ext. 103

Email: [abrown@ci.fairfield.ca.us](mailto:abrown@ci.fairfield.ca.us)

c/o: North Bay

Contact: John Alexander, Phone: (530) 747-8283, Email: [nbacp@cityofdavis.org](mailto:nbacp@cityofdavis.org)

Central Coast Water Authority

255 Industrial Way

Buellton, CA 93427

Contact: Darin Dargatz

Phone: (805) 975-0113

Email: [dod@ccwa.com](mailto:dod@ccwa.com)

City of Fresno

2600 Fresno Street

Fresno, CA 93706

Contact: James Jackson

Sr. Procurement Specialist

Phone: (559) 621-1165

Email: [james.jackson2@fresno.gov](mailto:james.jackson2@fresno.gov)

**BAY AREA CHEMICAL CONSORTIUM  
BID FORM FOR BID NO.01-2026  
FOR SUPPLY AND DELIVERY OF ALUMINUM SULFATE**

Sealed bids must be submitted in a PDF format and bidders must enter bid prices into the electronic bid platform (Line Item page)

<https://bacwa.org/about-bacc/>

No later than 4:00 PM. PT  
Thursday, February 19, 2026

Legal Name of Bidder:  
CHEMTRADE CHEMICALS US LLC

Business Address  
90 EAST HALSEY ROAD, SUITE 200  
PARSIPPANY, NJ 07054

Telephone Number: 800-441-2659

Facsimile Number: 973-515-4461

Email Address: [bids@chemtradelogistics.com](mailto:bids@chemtradelogistics.com)

Authorized Representative (Please Print):  
ELIZABETH RYNO, BID SPECIALIST

Signature: 

Date: FEBRUARY 18, 2026

**I. All costs except California State sales tax and tariffs for the purchase of ALUMINUM SULFATE must be included in the amount shown entered into the electronic bid platform (Line Item page), including any and all mill assessments, fees, excise taxes, transportation charges, etc. Any exceptions to the bid must be noted under Specific Deviations on the Standard Agreement. Bidders shall submit bids per unit of measure as specified in the electronic bid platform (Line Item page).**

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

- a. All requirements listed in Section 2.21 Manufacturer's Info.
- b. If applicable, the name, address, and contact information for the third party hauling company as well as an affidavit signed by the Bidder that the third party hauler can and will deliver the chemical to each and every participating BACC Agency.

**III. Bidder Obligations**

By signing this Bid Form and entering into individual purchase orders, purchase agreements and /or contracts with BACC agencies, the bidder expressly agrees to be bound by all the provisions of the bid solicitation, including Sections I-IV.



Water Chemicals Group  
90 East Halsey Road  
Parsippany, NJ 07054  
Tel: 800-441-2659  
Fax: 973-515-4461  
[www.chemtradelogistics.com](http://www.chemtradelogistics.com)

**Bay Area Chemical Consortium**  
**Bid Number: 01-2026 Liquid Aluminum Sulfate**  
**Opening: February 19, 2026 @ 4:00 p.m.**

### **SUBCONTRACTOR UTILIZATION**

Please note that Chemtrade Chemical's Liquid Aluminum Sulfate manufacturing plant located in Pittsburg, CA. Products are typically shipped through our third-party carrier. Their information is as follows:

Chemical Transfer  
1033 Stokes Avenue  
Stockton, CA 95215  
Phone: (209) 943-2639

Chemical Transfer has a long-standing relationship with Chemtrade Chemicals and meets all of our security and safety standards and due diligence in performing personnel background checks is in compliance. We further certify that this 3rd party carrier can haul and deliver the required chemicals to every participating BACC Agency.

Should you have any questions or concerns, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Ryno".

Elizabeth Ryno  
Bid Specialist  
Phone: (973) 515-1858  
Email: [bids@ChemtradeLogistics.com](mailto:bids@ChemtradeLogistics.com)



*Water Treatment Group*

90 East Halsey Road  
Parsippany, NJ 07054  
Tel: 1-800-441-2653  
Fax: (973) 515-4461  
www.chemtradelogistics.com

**PRODUCT CERTIFICATION**

Chemtrade Chemicals certifies that all grades of Aluminum Sulfate as produced by our manufacturing locations will meet National Sanitation Foundation Standard 60 and ANSI/AWWA B 403-24 standard in every respect.

Additionally, we certify that the product meets or exceeds the specifications set forth in the Bay Area Chemical Consortium bid.

Safety Data Sheet, NSF Certification and related technical information is attached for review.

  
\_\_\_\_\_  
Elizabeth Ryno  
Bid Specialist



The Public Health and Safety Organization

## NSF Product and Service Listings

These NSF Official Listings are current as of **Wednesday, February 18, 2026** at 12:15 a.m. Eastern Time. Please contact NSF 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=chemtrade+&TradeName=alum&PlantState=California+CA&](http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=chemtrade+&TradeName=alum&PlantState=California+CA&)

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

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#### Chemtrade Solutions LLC (formerly General Chemical LLC)

155 Gordon Baker Road

Suite 300

Toronto, ON M2H 3N5

Canada

866-887-8805

416-496-5856

Visit this company's website

(<http://www.chemtradelogistics.com>)

**Facility :** Pittsburg, CA

#### Aluminum Chloride[AL]

##### *Trade Designation*

Aluminum Chloride Solution

##### *Product Function*

Coagulation & Flocculation

##### *Max Use*

200mg/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.

**Aluminum Sulfate[AL] [CP]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Alum	Coagulation & Flocculation	400 mg/L
Aluminum Sulfate	Coagulation & Flocculation	400 mg/L
Liquid Alum	Coagulation & Flocculation	400mg/L
Liquid Alum Acidized 0.5-10.0%	Coagulation & Flocculation	400 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.

[CP] The finished drinking water shall be monitored to ensure that levels of copper do not exceed 1.3 mg/L.

**Polyaluminum Chloride[AL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Polyaluminum Chloride	Coagulation & Flocculation	250 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.

---

Number of matching Manufacturers is 1

Number of matching Products is 6

Processing time was 2 seconds



**CHEMTRADE ANALYTICAL SERVICES LABORATORY  
REPORT OF ANALYSIS**

**To:** Bay Area  
**cc:** Beth Ryno

**Lab. Log #** 503130600

**SAMPLES:** Liquid Aluminum Sulfate - Semi-Annual Audit

**ORIGIN:** Baypoint

All analyses are reported as PPM unless stated otherwise

PARAMETER	Concentration	PARAMETER	Concentration
As	<2	% Al <sub>2</sub> O <sub>3</sub> (total by wt)	8.1
Ba	<1	% Free Al <sub>2</sub> O <sub>3</sub> (free by wt)	0.2
Be	<1	% Fe <sub>2</sub> O <sub>3</sub> (total soluble by wt)	0.001
Ca	13	% Insolubles (by wt)	0.020
Cd	<1	Turbidity (NTU)	2.4
Co	<1	Appearance	clear water white
Cr	<1		
Cu	<1		
Fe	10		
Hg	<0.5		
K	3		
Mg	5		
Mn	<1		
Mo	<1		
Na	289		
Ni	<1		
P	2		
Pb	<1.5		
Sb	<1.5		
Se	<1		
Si	9		
Sn	<1		
Sr	<1		
Ti	2		
Tl	<1.5		
V	<1		
Zn	<1		
Zr	<1		

**NOTES:**

Product within specification for all parameters analyzed.

**Analysts**  
Z. Miller  
S. Ulman

**Record**  
WC033125  
45748.383

**Report Date**  
BR 02/16/2026

Chemtrade is not engaged in the business of consulting or providing technical, operational or safety advice for a fee. Any such advice provided herein has been furnished as an accommodation and without charge and is made without any warranty of representation as to its completeness, accuracy, fitness for a particular purpose or any other matter. The recipient's use or non-use of such advice is made solely at the discretion and risk of the recipient.



**CHEMTRADE ANALYTICAL SERVICES LABORATORY  
REPORT OF ANALYSIS**

To: Bay Area  
cc: Beth Ryno

Lab. Log # 503130601

SAMPLES: Liquid Aluminum Acidified, 2% - Semi-Annual Audit

ORIGIN: Baypoint

All analyses are reported as PPM unless stated otherwise

PARAMETER	Concentration	PARAMETER	Concentration
As	<2	% Al <sub>2</sub> O <sub>3</sub> (total by wt)	7.4
Ba	<1	% Free H <sub>2</sub> SO <sub>4</sub> (free by wt)	2.1
Be	<1	% Fe <sub>2</sub> O <sub>3</sub> (total soluble by wt)	0.001
Ca	12	% Insolubles (by wt)	0.020
Cd	<1		
Co	<1		
Cr	<1		
Cu	<1		
Fe	9		
Hg	<0.5		
K	3		
Mg	5		
Mn	<1		
Mo	<1		
Na	261		
Ni	<1		
P	2		
Pb	<1.5		
Sb	<1.5		
Se	<1		
Si	9		
Sn	<1		
Sr	<1		
Ti	2		
Tl	<1.5		
V	<1		
Zn	<1		
Zr	<1		

**NOTES:**

Product within specification for all parameters analyzed.

**Analysts**  
Z. Miller  
S. Ulman

**Record**

**Report Date**  
BR 02/16/2026

Chemtrade is not engaged in the business of consulting or providing technical, operational or safety advice for a fee. Any such advice provided herein has been furnished as an accommodation and without charge and is made without any warranty of representation as to its completeness, accuracy, fitness for a particular purpose or any other matter. The recipient's use or non-use of such advice is made solely at the discretion and risk of the recipient.



**CHEMTRADE ANALYTICAL SERVICES LABORATORY  
REPORT OF ANALYSIS**

**To:** Bay Area  
**cc:** Beth Ryno

**Lab. Log #** 503130602

**SAMPLES:** Liquid Aluminum Acidified, 5% - Semi-Annual Audit

**ORIGIN:** Baypoint

All analyses are reported as PPM unless stated otherwise

PARAMETER	Concentration	PARAMETER	Concentration
As	<2	% Al <sub>2</sub> O <sub>3</sub> (total by wt)	6.7
Ba	<1	% Free Al <sub>2</sub> O <sub>3</sub> (free by wt)	5.2
Be	<1	% Fe <sub>2</sub> O <sub>3</sub> (total soluble by wt)	0.001
Ca	11	% Insolubles (by wt)	0.020
Cd	<1		
Co	<1		
Cr	<1		
Cu	<1		
Fe	8		
Hg	<0.5		
K	3		
Mg	4		
Mn	<1		
Mo	<1		
Na	235		
Ni	<1		
P	2		
Pb	<1.5		
Sb	<1.5		
Se	<1		
Si	8		
Sn	<1		
Sr	<1		
Ti	2		
Tl	<1.5		
V	<1		
Zn	<1		
Zr	<1		

**NOTES:**

Product within specification for all parameters analyzed.

**Analysts**  
Z. Miller  
S. Ulman

**Record**

**Report Date**  
BR 02/16/2026

Chemtrade is not engaged in the business of consulting or providing technical, operational or safety advice for a fee. Any such advice provided herein has been furnished as an accommodation and without charge and is made without any warranty of representation as to its completeness, accuracy, fitness for a particular purpose or any other matter. The recipient's use or non-use of such advice is made solely at the discretion and risk of the recipient.



**Water Chemicals Group**  
90 East Halsey Road  
Parsippany, NJ 07054  
Tel: 973-515-0900  
Fax: 973-515-4461

**Bay Area Chemical Consortium**  
**Bid Number: 01-2026 - Liquid Aluminum Sulfate**  
**Opening: February 19, 2026 @ 4:00 p.m.**

**MANUFACTURING & SHIPPING INFORMATION:**

Please note that the products included in this bid are manufactured in the United States of America. Chemtrade Chemicals will be manufacturing and shipping this material from our USA plant. Please see below for the exact address:

Bay Point Works  
501 Nicholas Road  
Pittsburg, CA 94565

Ph: (925) 458-7300  
Fax: (925) 458-7352

If you have any questions or concerns, please feel free to contact me.

Sincerely,



Elizabeth Ryno  
Bid Specialist  
Ph: (973) 515-1858  
bids@ChemtradeLogistics.com

**CHEMTRADE**<http://www.chemtradelogistics.com>

## Liquid Alum PRODUCT DATA SHEET

### CHARACTERISTICS

Liquid Alum is a clear, light green, slight yellow, brown, amber or orange-like tinted solution. It is a cationic inorganic coagulant and flocculant suitable for industrial and municipal water and wastewater treatment applications.

### NSF/ANSI/CAN Standard 60: Drinking Water Chemicals - Health Effects; Certified

### TYPICAL PROPERTIES

Formula:	Aqueous solution of aluminum sulfate		
C.A.S.	10043-01-3 (Aluminum sulfate)		
	pH (neat)	1.4 - 2.6	
	Specific Gravity @ 21°C (70°F)	1.30 - 1.35	
	Freezing Point	-16°C (4°F)	
	Density, lbs./gal., US	10.8 - 11.3	
	Aluminum as Al, %	4.2 - 4.5	
	Aluminum as Al <sub>2</sub> O <sub>3</sub> , %	8.0 - 8.4	
	Aluminum as Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> •14H <sub>2</sub> O (Dry Alum), %	46 - 49	

### PRODUCT USES

Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge compaction and volume reduction. Lagoon treatment. Oily wastewater clarification and dissolved air flotation. Emulsion breaking. Fixing rosin sizes on paper fibers. Paper machine drainage and retention aid. Paper machine pitch control.

### SHIPPING CONTAINERS

Bulk transport	Bulk car	275 US gal. one-way container	55 US gal. plastic drum
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### SHIPPING REGULATIONS (US DOT / TDG)

Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Aluminum Sulfate)

Hazard Class: 8                      ID Number: UN3264                      Packing Group: III

The US EPA reportable quantity (RQ) for aluminum sulfate is 5,000 lbs.

### PRODUCT SAFETY INFORMATION

Anyone procuring, using or disposing of these products or their containers must be familiar with the appropriate safety and handling precautions. Such information may be found in the **Safety Data Sheets (SDS)** for these products or you may contact Chemtrade at 416-496-5856.

In the event of an emergency with these products, call the 24-hour **Emergency Number: USA and Canada (CHEMTREC) 1-800-424-9300**. For additional Water Chemicals contacts:

### TECHNICAL SUPPORT

✉ [WaterChem@chemtradelogistics.com](mailto:WaterChem@chemtradelogistics.com)

### ORDERS & GENERAL INQUIRIES

☎ 1-844-204-9672

CHE-5001P-1

Revision Date: January 22, 2026

All information, statements, data, advice and/or recommendations, including, without limitation, those relating to storage, loading/unloading, piping and transportation (collectively referred to herein as "information") are believed to be accurate and reliable. However, no representation or warranty, express or implied, is made as to its completeness, accuracy, fitness for a particular purpose or any other matter, including, without limitation, that the practice or application of any such information is free of patent infringement or other intellectual property misappropriation. Chemtrade Logistics Inc. and its affiliates (collectively, "Chemtrade") are not engaged in the business of providing technical, operational, engineering or safety information for a fee, and, therefore, any such information provided herein has been furnished as an accommodation and without charge. All information provided herein is intended for use by persons having requisite knowledge, skill and experience in the chemical industry. Chemtrade shall not be responsible or liable for the use, application or implementation of the information provided herein, and all such information is to be used at the risk, and in the sole judgment and discretion, of such persons, their employees, advisors and agents.

**CHEMTRADE**<http://www.chemtradelogistics.com>

## Liquid Alum, Acidized 2.0%

### PRODUCT DATA SHEET

#### CHARACTERISTICS

Liquid Alum, Acidized 2.0% is a colorless to light green or amber colored liquid. It is an advanced cationic coagulant and flocculant suitable for industrial and municipal water and wastewater treatment applications.

**NSF/ANSI/CAN Standard 60: Drinking Water Chemicals - Health Effects; Certified**

#### TYPICAL PROPERTIES

Formula:	Aqueous solution of aluminum sulfate and sulfuric acid	
C.A.S.	10043-01-3 / 7664-93-9 (Aluminum sulfate / Sulfuric acid)	
	pH (neat)	Less than 1
	Specific Gravity @ 21°C (70°F)	1.29 - 1.31
	Freezing Point (approx.)	Less than -15°C (< 5°F)
	Density, lbs./gal., US	10.8 - 10.9
	Aluminum as Al, %	3.9 - 4.0
	Aluminum as Al <sub>2</sub> O <sub>3</sub> , %	7.4 - 7.6
	Free Acid, % as H <sub>2</sub> SO <sub>4</sub>	2

#### PRODUCT USES

Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge compaction and volume reduction. Lagoon treatment. Oily wastewater clarification and dissolved air flotation. Emulsion breaking. Paper machine pitch control.

#### SHIPPING CONTAINERS

Bulk transport      Bulk car      275 US gal. one-way container      55 US gal. plastic drum

#### SHIPPING REGULATIONS (US DOT / TDG)

Proper Shipping Name:

Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Aluminum Sulfate, Sulfuric Acid)

Hazard Class: 8      ID Number: UN3264      Packing Group: II

The US EPA reportable quantity (RQ) for aluminum sulfate is 5,000 lbs. and for sulfuric acid is 1,000 lbs.

#### PRODUCT SAFETY INFORMATION

Anyone procuring, using or disposing of these products or their containers must be familiar with the appropriate safety and handling precautions. Such information may be found in the **Safety Data Sheets (SDS)** for these products or you may contact Chemtrade at 416-496-5856.

In the event of an emergency with these products, call the 24-hour **Emergency Number: USA and Canada (CHEMTREC) 1-800-424-9300**. For additional Water Chemicals contacts:

#### TECHNICAL SUPPORT

✉ [WaterChem@chemtradelogistics.com](mailto:WaterChem@chemtradelogistics.com)

#### ORDERS & GENERAL INQUIRIES

☎ 1-844-204-9672

CHE-5060P-04

Revision Date: January 24, 2026

All information, statements, data, advice and/or recommendations, including, without limitation, those relating to storage, loading/unloading, piping and transportation (collectively referred to herein as "information") are believed to be accurate and reliable. However, no representation or warranty, express or implied, is made as to its completeness, accuracy, fitness for a particular purpose or any other matter, including, without limitation, that the practice or application of any such information is free of patent infringement or other intellectual property misappropriation. Chemtrade Logistics Inc. and its affiliates (collectively, "Chemtrade") are not engaged in the business of providing technical, operational, engineering or safety information for a fee, and, therefore, any such information provided herein has been furnished as an accommodation and without charge. All information provided herein is intended for use by persons having requisite knowledge, skill and experience in the chemical industry. Chemtrade shall not be responsible or liable for the use, application or implementation of the information provided herein, and all such information is to be used at the risk, and in the sole judgment and discretion, of such persons, their employees, advisors and agents.

**CHEMTRADE**<http://www.chemtradelogistics.com>

## Liquid Alum, Acidized 5.0%

### PRODUCT DATA SHEET

#### CHARACTERISTICS

Liquid Alum, Acidized 5.0% is a colorless to light green or amber colored liquid. It is an advanced cationic coagulant and flocculant suitable for industrial and municipal water and wastewater treatment applications.

**NSF/ANSI/CAN Standard 60: Drinking Water Chemicals - Health Effects; Certified**

#### TYPICAL PROPERTIES

Formula:	Aqueous solution of aluminum sulfate and sulfuric acid	
C.A.S.	10043-01-3 / 7664-93-9 (Aluminum sulfate / Sulfuric acid)	
	pH (neat)	Less than 1
	Specific Gravity @ 21°C (70°F)	1.28 - 1.30
	Freezing Point (approx.)	Less than -18°C (< 0°F)
	Density, lbs./gal., US	10.7 - 10.8
	Aluminum as Al, %	3.5 - 3.7
	Aluminum as Al <sub>2</sub> O <sub>3</sub> , %	6.7 - 6.9
	Free Acid, % as H <sub>2</sub> SO <sub>4</sub>	5

#### PRODUCT USES

Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge compaction and volume reduction. Lagoon treatment. Oily wastewater clarification and dissolved air flotation. Emulsion breaking. Paper machine pitch control.

#### SHIPPING CONTAINERS

Bulk transport      Bulk car      275 US gal. one-way container      55 US gal. plastic drum

#### SHIPPING REGULATIONS (US DOT / TDG)

Proper Shipping Name:

Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Aluminum Sulfate, Sulfuric Acid)

Hazard Class: 8

ID Number: UN3264

Packing Group: II

The US EPA reportable quantity (RQ) for aluminum sulfate is 5,000 lbs. and for sulfuric acid is 1,000 lbs.

#### PRODUCT SAFETY INFORMATION

Anyone procuring, using or disposing of these products or their containers must be familiar with the appropriate safety and handling precautions. Such information may be found in the **Safety Data Sheets (SDS)** for these products or you may contact Chemtrade at 416-496-5856.

In the event of an emergency with these products, call the 24-hour **Emergency Number: USA and Canada (CHEMTREC) 1-800-424-9300**. For additional Water Chemicals contacts:

#### TECHNICAL SUPPORT

✉ [WaterChem@chemtradelogistics.com](mailto:WaterChem@chemtradelogistics.com)

#### ORDERS & GENERAL INQUIRIES

☎ 1-844-204-9672

CHE-5060P-08

Revision Date: January 24, 2026

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**Safety Data Sheet**  
**Liquid Alum**

**Revision Date:**  
**12 February, 2026**

**Section 1. Identification**

**Product identifier**

**Product Identity**

Liquid Alum

**Other means of identification**

Aluminum Sulfate, liquid (CHE-5001S)

**Relevant identified uses of the substance or mixture and uses advised against**

Alum is used as a coagulating agent in municipal and industrial water and wastewater treatment and as an additive in papermaking.

**Restrictions on use:**

For use in water treatment, refer to NSF dosage information.

**Details of the supplier of the safety data sheet**

**Company Name**

Chemtrade Logistics Inc. (Canada)  
155 Gordon Baker Road Suite 300  
Toronto, Ontario M2H 3N5  
(416) 496-5856

Chemtrade Logistics Inc. (US)  
90 East Halsey Road, Suite 200  
Parsippany, NJ 07054  
(800) 228- 8558

**Emergency**

**24 hour Emergency Telephone No.**

Chemtrade Emergency Contact: (866) 416-4404 (US and Canada)

CHEMTREC +1-800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

**Customer Service:**

For SDS Info: (416) 496-5856  
[www.chemtradelogistics.com](http://www.chemtradelogistics.com)

**Section 2. Hazard(s) identification**

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

**Classification of the substance or mixture**

Metal corrosion;H290

May be corrosive to metals.

Skin corrosion/irritation category  
1C;H314

Causes severe skin burns and eye damage.



**Safety Data Sheet**  
**Liquid Alum**

**Revision Date:**  
**12 February, 2026**

Serious eye damage / eye irritation,  
category 1;H318 Causes serious eye damage.

**Label elements**



**Danger**

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

**[Prevention]:**

P234 Keep only in original packaging.

P260 Do not breathe dust, fume, mist, vapors or spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves, protective clothing, eye protection, face protection.

**[Response]:**

P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER, doctor or physician.

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P363 Wash contaminated clothing before reuse.

P390 Absorb spillage to prevent material damage.

**[Storage]:**

P405 Store locked up.

P406 Store in a corrosive resistant, container with a resistant inner liner.

**[Disposal]:**

P501 Dispose of contents or container in accordance with local and national regulations.

**Other hazards**

This product contains no PBT/vPvB/vPvM chemicals.


**Safety Data Sheet**  
**Liquid Alum**
**Revision Date:**  
**12 February, 2026**

This product contains no endocrine disrupting chemicals.

Does NOT contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the US EPA PFASMASTER combined list of PFAS chemicals.

**Section 3. Composition/information on ingredients**

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Aluminium sulfate CAS Number: 10043-01-3 Synonyms: Aluminum sulfate, Aluminum sulfate.	45 - 70	Serious eye damage / eye irritation, category 1;H318 Metal corrosion;H290 Skin corrosion/irritation category 1C;H314*	No data available

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

The specific chemical identity and/or exact percentage of composition are withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

\* Skin corrosion classification based on Corrositex<sup>®</sup> test results. Corrositex<sup>®</sup> is a validated and accepted OECD in vitro test method that assesses if a substance can produce skin corrosion.

**Section 4. First aid measures**
**Description of first aid measures**

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 30 minutes, holding the eyelids apart and seek medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Drench affected area with water for at least 30 minutes. Obtain medical attention if irritation develops or persists.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

<b>Overview</b>	Contact with skin causes severe skin burns. Causes serious eye damage. <b>Acute Health Effects:</b> the substance causes serious eyes damage and severe burns. <b>EYE:</b> Contact causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva with redness, pain, swelling, blurred vision, and severe burns
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**Safety Data Sheet**  
**Liquid Alum**

**Revision Date:**  
**12 February, 2026**

(Immediate). No delayed effects from eye contact are expected. No chronic effects from eye contact are known.

SKIN: Causes severe irritation which will progress to chemical burns. Symptoms may include redness, pain, serious skin burns, and blisters. (Immediate). No delayed effects from skin contact are expected. No chronic effects from skin contact are known.

INHALATION: May be corrosive to the respiratory tract. Prolonged exposure may cause irritation of the upper respiratory passages. (Immediate). May cause delayed pulmonary edema. No chronic effects from inhalation are known.

INGESTION: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract (Immediate). No delayed symptoms from ingestion are expected. No chronic effects from ingestion are known.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** If exposed or concerned, get medical advice and attention.

See section 2 for further details.

**Eyes**

Causes serious eye damage.

**Skin**

Causes severe skin burns and eye damage.

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable Extinguishing Media:** Water spray, dry chemical, foam, carbon dioxide.

**Unsuitable extinguishing media:** Do not use water jet, or heavy water stream. Use of heavy stream of water may spread fire.

### Special hazards arising from the substance or mixture

Hazardous decomposition: Can liberate toxic and corrosive fumes of SO<sub>2</sub> and SO<sub>3</sub> under extreme conditions when boiled to dryness or heated above 600 ° C (1112 °F).

Keep only in original packaging.

Do not breathe dust, fume, mist, vapors or spray.

### Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full-face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean up immediately after fire. No smoking.

**Fire Hazard:** Product is not flammable but may burn at high temperatures. **Explosion Hazard:** Product is not explosive. Contact with metallic substances may release flammable hydrogen gas.

**Firefighting Instructions:** Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Remove containers from fire area if this can be done without risk. **Exercise caution when fighting any chemical fire.**



**Safety Data Sheet**  
**Liquid Alum**

**Revision Date:**  
**12 February, 2026**

**Hazardous reactions** will not occur under normal conditions.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

**ERG Guide No.** 154

## Section 6. Accidental release measures

### **Personal precautions, protective equipment and emergency procedures**

**General Measures:** Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. See Section 8.

Use only outdoors or in a well-ventilated area. Do not breathe mist, spray, and vapours.

Do not get in eyes, on skin, or on clothing. Use appropriate personal protection equipment (PPE). Wear protective gloves, eye protection, face protection (refer to section 8 for more details).

Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Promptly remove soiled clothing and wash thoroughly before reuse.

### **Environmental precautions**

Prevent entry to sewers and public waters. Avoid release to environment.

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

### **Methods and material for containment and cleaning up**

Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Ventilate area.

Contain, dilute cautiously with water, and neutralize with soda ash or lime.

**Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Ventilate area. Equip cleanup crew with proper protection.

**Methods for Clean up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

## Section 7. Handling and storage

### **Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.

Store locked up.

Use only outdoors or in a well-ventilated area. Do not breathe mist, spray, and vapours.

Do not get in eyes, on skin, or on clothing. Use appropriate personal protection equipment (PPE). Wear protective gloves, eye protection, face protection (refer to section 8 for more details).


**Safety Data Sheet**  
**Liquid Alum**
**Revision Date:**  
**12 February, 2026**

Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

**Conditions for safe storage, including any incompatibilities**

Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container.

Comply with applicable regulations.

**Incompatible materials:** Non acid-proof metals (such as aluminum, copper and iron), bases, unalloyed steel, galvanized surfaces.

See section 2 for further details. - [Storage]:

**Specific end use(s)**

Alum is used as a coagulating agent in municipal and industrial water and wastewater treatment and as an additive in papermaking.

**Restrictions on use:**

For use in water treatment, refer to NSF dosage information.

**Section 8. Exposure controls / personal protection**
**Control parameters**
**Exposure Limits**

CAS No.	Ingredient	Source	Value
10043-01-3	Aluminium sulfate	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	TWA 2 mg/m <sup>3</sup>
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
Yukon	No Established Limit		



**Safety Data Sheet**  
**Liquid Alum**

**Revision Date:**  
**12 February, 2026**

**Exposure controls**

**Respiratory**

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Eyes**

Wear chemical safety goggles and face shield. **Where higher splash potential exists** (e.g. loading, unloading, line breaking, sampling of product), wear goggles and face shield with side and chin protection: chemical and impact resistant.

**Skin**

Wear chemical resistant gloves: Poly vinyl chloride (PVC), nitrile, viton™ (a trademark of the Chemours company), butyl or butyl rubber. Wear chemical resistant clothing. **Where higher splash potential exists** (e.g. loading, unloading, line breaking, sampling of product), wear hard hat and chemical splash shroud, Chemical resistant jacket and pants or bib overalls: PVC, neoprene, PVC coated polyester, or polyester trilaminate gore.

**Engineering Controls**

**Exposure Controls Appropriate Engineering Controls:** Emergency eyewash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Other Work Practices**

Put on appropriate personal protective equipment. Chemically compatible gloves (e.g. PVC, nitrile, viton butyl or butyl rubber), Chemical resistant clothing (e.g. PVC, neoprene, PVC coated polyester, or polyester trilaminate gore), and chemical resistant safety goggles and face shield. Where there is insufficient ventilation: wear respiratory protection.

**WHERE HIGHER SPLASH POTENTIAL EXISTS** (e.g. loading, unloading, line breaking, sampling of product), wear hard hat and chemical splash shroud, chemical resistant jacket and pants or bib overalls: PVC, neoprene, PVC coated polyester, or polyester trilaminate gore. Follow all posted PPE requirements **AND** wear goggles and face shield with side and chin protection: chemical and impact resistant. Use only outdoors or in a well-ventilated area. Do not breathe mist, spray, and vapours. Do not get in eyes, on skin, or on clothing. Use appropriate personal protection equipment (PPE). Wear protective gloves, eye protection, face protection (refer to section 8 for more details).

Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

**Section 9. Physical and chemical properties**

**Safety Data Sheet**  
**Liquid Alum****Revision Date:**  
**12 February, 2026****Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid
<b>Color</b>	Clear
<b>Odor</b>	Odorless
<b>Odor threshold</b>	No available information
<b>Melting point / freezing point</b>	-15.56 °C (3.99 °F)
<b>Initial boiling point and boiling range</b>	101 °C (213.8 °F)
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
<b>Flash Point</b>	No available information
<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>pH</b>	1.4 - 2.6
<b>Viscosity (cSt)</b>	No available information
<b>Solubility in Water</b>	Completely Soluble in water.
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Vapour pressure (Pa)</b>	No available information
<b>Relative Density</b>	No available information
<b>Vapour Density</b>	No available information
<b>Evaporation rate (Ether = 1)</b>	No available information Not applicable
<b>Specific Gravity</b>	1.30 - 1.35
<b>Other information</b>	No other relevant information.

**Section 10. Stability and reactivity****Reactivity**

May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

**Chemical stability**

Stable under recommended handling and storage conditions (see section 7).

**Possibility of hazardous reactions**

Hazardous polymerization will not occur.

**Conditions to avoid**


**Safety Data Sheet**  
**Liquid Alum**
**Revision Date:**  
**12 February, 2026**

Direct sunlight, extremely high or low temperatures, and incompatible materials.

**Incompatible materials**

Non acid-proof metals (such as aluminum, copper and iron), bases, unalloyed steel, galvanized surfaces.

**Hazardous decomposition products**

Can liberate toxic and corrosive fumes of SO<sub>2</sub> and SO<sub>3</sub> under extreme conditions when boiled to dryness or heated above 600 ° C (1112 °F).

**Section 11. Toxicological information**
**Acute toxicity**

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
<b>Product Acute Toxicity Estimates</b>	NA	NA	NA	NA	NA

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Aluminium sulfate - (10043-01-3)	6,207.00, Mouse - Category: NA	No data available.	No data available.	No data available.	No data available.

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
10043-01-3	Aluminium sulfate	IARC	No
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1C	Causes severe skin burns and eye damage.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable



**Safety Data Sheet**  
**Liquid Alum**

**Revision Date:**  
**12 February, 2026**

STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**Possible routes of entry:**

Inhalation, ingestion, skin contact, and skin absorption.

**Symptoms and effects, both acute and delayed:**

Contact with skin causes severe skin burns. Causes serious eye damage.

**Acute Health Effects:** the substance causes serious eyes damage and severe burns.

**EYE:** Contact causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva with redness, pain, swelling, blurred vision, and severe burns (Immediate). No delayed effects from eye contact are expected. No chronic effects from eye contact are known.

**SKIN:** Causes severe irritation which will progress to chemical burns. Symptoms may include redness, pain, serious skin burns, and blisters. (Immediate). No delayed effects from skin contact are expected. No chronic effects from skin contact are known.

**INHALATION:** May be corrosive to the respiratory tract. Prolonged exposure may cause irritation of the upper respiratory passages. (Immediate). May cause delayed pulmonary edema. No chronic effects from inhalation are known.

**INGESTION:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract (Immediate). No delayed symptoms from ingestion are expected. No chronic effects from ingestion are known.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** If exposed or concerned, get medical advice and attention.

**Eyes** Causes serious eye damage.

**Skin** Causes severe skin burns and eye damage.

**Section 12. Ecological information**

**Toxicity**

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Aluminium sulfate - (10043-01-3)	186.00, Danio rerio	38.20, Daphnia	No data available.

**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

No available information



**Safety Data Sheet**  
**Liquid Alum**

**Revision Date:**  
**12 February, 2026**

**Mobility in soil**

No available information

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB/vPvM chemicals.

**Other adverse effects**

No available information

**Section 13. Disposal considerations**

**Waste treatment methods**

Dispose of waste material in accordance with all local, regional, federal, provincial, state, territorial and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Section 14. Transport information**



Classification Method: Classified as per Part 2, Sections 2.1-2.8 of the Transportation of Dangerous Goods Regulations.

**DOT (Domestic Surface Transportation)**

<b>UN number</b>	UN3264
<b>UN proper shipping name</b>	UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (Contains Aluminum Sulfate), 8, III
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

**TDG (Domestic Surface Transportation)**

<b>UN number</b>	UN3264
<b>UN proper shipping name</b>	Corrosive liquid, acidic, inorganic, n.o.s., (contains aluminum sulfate)
<b>Transport hazard class(es)</b>	8



**Safety Data Sheet**  
**Liquid Alum**

**Revision Date:**  
**12 February, 2026**

<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

IMO / IMDG (Ocean Transportation)	
<b>UN number</b>	UN3264
<b>UN proper shipping name</b>	Corrosive liquid, acidic, inorganic, n.o.s., (contains aluminum sulfate)
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

ICAO/IATA	
<b>UN number</b>	UN3264
<b>UN proper shipping name</b>	Corrosive liquid, acidic, inorganic, n.o.s., (contains aluminum sulfate)
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

**Environmental hazards**

IMDG Marine Pollutant: No;

**Special precautions for user**

No available information

**Section 15. Regulatory information**

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act (TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

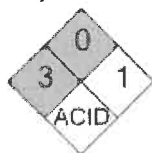
**NFPA Ranking**

Health (blue) :3

Fire (red) :0

Reactivity (yellow) :1

Special (white) :ACID



**Toxic Substance Control Act (TSCA)**

Aluminium sulfate

Water

**CERCLA Chemicals and RQs (lbs):**



**Safety Data Sheet  
Liquid Alum**

**Revision Date:  
12 February, 2026**

Aluminium sulfate ( 5,000.00)

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Canadian Domestic Substance List (DSL):**

Aluminium sulfate  
Water

**Canadian Non-Domestic Substance List (NDSL):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

Aluminium sulfate

**Pennsylvania RTK Substances (>1%):**

Aluminium sulfate

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 Label Warning:**

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Chemical Name (CAS Number)	US TSCA	Australia AICS	Korea ECL	EU EINECS	EU ELINCS	EU SVHC	EN NLP	Mexico INSQ
Aluminium sulfate (10043-01-3)	Yes	Yes	Yes	Yes	No	No	No	Yes


**Safety Data Sheet**  
**Liquid Alum**
**Revision Date:**  
**12 February, 2026**

Chemical Name (CAS Number)	China IECSC	Japan ENCS	Japan ISHL	Japan PDSCCL	Japan PRTR 1	Japan PRTR 2	Philippines PICCS	New Zealand NZIOC
Aluminium sulfate (10043-01-3)	Yes	Yes	No	No	No	No	Yes	Yes

**Section 16. Other information**
**Revision Date** 02/12/2026

**Revision Number** 13.1

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products.

Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

End of Document



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

**Section 1. Identification**

**Product identifier**

**Product Identity** Aluminum Sulfate, Acidized (CHE-5060S)

**Other means of identification** Not Applicable

**Relevant identified uses of the substance or mixture and uses advised against**

Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge compaction and volume reduction. Lagoon treatment. Oily wastewater clarification and dissolved air flotation. Emulsion breaking.

**Restrictions on use:**

Not available

**Details of the supplier of the safety data sheet**

**Company Name**

Chemtrade Logistics Inc. (Canada)  
155 Gordon Baker Road Suite 300  
Toronto, Ontario M2H 3N5  
(416) 496-5856

Chemtrade Logistics Inc. (US)  
90 East Halsey Road, Suite 200  
Parsippany, NJ 07054  
(800) 228- 8558

**Emergency**

**24 hour Emergency Telephone No.**

Chemtrade Emergency Contact: (866) 416-4404 (US and Canada)

CHEMTREC +1-800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

**Customer Service:**

For SDS Info: (416) 496-5856

[www.chemtradelogistics.com](http://www.chemtradelogistics.com)

**Section 2. Hazard(s) identification**

**Classification of the substance or mixture**

Metal corrosion;H290

May be corrosive to metals.

Skin corrosion/irritation category  
2;H315

Causes skin irritation.



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

Serious eye damage / eye irritation,  
category 1;H318

Causes serious eye damage.

**Label elements**



**Danger**

H290 May be corrosive to metals.

H315 Causes skin irritation.

H318 Causes serious eye damage.

**[Prevention]:**

P234 Keep only in original packaging.

P264 Wash thoroughly after handling.

P280 Wear protective gloves, eye protection, and face protection.

**[Response]:**

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER, doctor or physician.

P332+313 If skin irritation occurs: Get medical attention.

P362+364 Take off contaminated clothing and wash it before reuse.

P390 Absorb spillage to prevent material damage.

**[Storage]:**

P406 Store in a corrosive resistant, container with a resistant inner liner.

**[Disposal]:**

No GHS disposal statements

**Other hazards**

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Does NOT contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the US EPA PFASMASTER combined list of PFAS chemicals.



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

### Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Aluminium sulfate CAS Number: 10043-01-3 Synonyms: Aluminum sulfate, Aluminum sulfate.	30 - 60	Serious eye damage / eye irritation, category 1;H318 Metal corrosion;H290	No data available
Sulfuric acid CAS Number: 7664-93-9 Synonyms: Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size), Sulphuric acid	7 - 13	Skin corrosion/irritation category 1A;H314: C ≥ 15 % Skin corrosion/irritation category 2;H315: 5 % ≤ C < 15 % Serious eye damage / eye irritation, category 2;H319: 5 % ≤ C < 15 % Metal corrosion;H290 > 1%	No data available

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

The specific chemical identity and/or exact percentage of composition are withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

### Section 4. First aid measures

#### Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 30 minutes, holding the eyelids apart and seek medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Drench affected area with water for at least 30 minutes. Obtain medical attention if irritation develops or persists.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth and slowly drink several glasses of water. Call a physician. Do NOT give anything by mouth to an unconscious or convulsing person.
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Overview</b>	Contact with eyes causes serious eye damage. Contact with the skin causes irritation. <b>Acute Health Effects :</b> the substance causes serious eyes damage and is irritating to the skin.



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

**EYE:** Contact causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva. (IMMEDIATE)

**SKIN:** Causes skin irritation (IMMEDIATE).

**INHALATION:** May be corrosive to the respiratory tract. (IMMEDIATE) Prolonged exposure may cause irritation of the upper respiratory passages.

**INGESTION:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. (IMMEDIATE)

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** If exposed or concerned, get medical advice and attention.

See section 2 for further details.

<b>Eyes</b>	Causes serious eye damage.
<b>Skin</b>	Causes skin irritation.
<b>Chronic effects</b>	Not available, none known.

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable Extinguishing Media:** Water spray, dry chemical, foam, carbon dioxide.

**Unsuitable extinguishing media:** Do not use water jet, or heavy water stream. Use of heavy stream of water may spread fire.

### Special hazards arising from the substance or mixture

**Hazardous decomposition:** Oxides of sulfur at high temperatures. Hazardous gases may evolve on contact with chemicals such as cyanides, sulfides, and carbides.

Keep only in original packaging.

### Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full-face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean up immediately after fire. No smoking.

**Fire Hazard:** Product is not flammable but may burn at high temperatures.

**Hazardous Combustion Products:** Oxides of aluminum. Sulfur oxides. Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Hydrogen chloride, hydrogen cyanide.

**Explosion Hazard:** Product is not explosive. Contact with metallic substances may release flammable hydrogen gas.

**Firefighting Instructions:** Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Remove containers from fire area if this can be done without risk. **Exercise caution when fighting any chemical fire.**

**Hazardous reactions** will not occur under normal conditions.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

**ERG Guide No.** 154



## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**General Measures:** Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. See Section 8.

Use only outdoors or in a well-ventilated area. Do not breathe mist, spray, and vapours.

Do not get in eyes, on skin, or on clothing. Use appropriate personal protection equipment (PPE). Wear protective gloves, eye protection, face protection (refer to section 8 for more details).

Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Promptly remove soiled clothing and wash thoroughly before reuse.

### Environmental precautions

Prevent entry to sewers and public waters. Avoid release to environment.

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

### Methods and material for containment and cleaning up

Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Ventilate area.

Contain, dilute cautiously with water, and neutralize with soda ash or lime.

**Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Ventilate area. Equip cleanup crew with proper protection.

## Section 7. Handling and storage

### Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Do not add water to contents while in container because of violent reaction. Always add slowly and in small amounts. Never use hot water. Never add water to acids-always add acids to water..

See section 2 for further details. - [Prevention]:

### Conditions for safe storage, including any incompatibilities

Store between -5C and 40C.

Comply with applicable regulations.

**Incompatible materials:** Acids react with most metals to release hydrogen gas which can form explosive mixtures in air. Water, alkaline solutions, metals, metal powder, carbides, chlorates, fuminates, nitrates,


**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**
**Revision Date:**  
**3 November, 2025**

picrates, strong oxidizers, reducers, or combustible organics.

Hazardous gases may evolve on contact with chemicals such as cyanides, sulfides, and carbides.

May be corrosive to metals. May release corrosive vapors.

See section 2 for further details. - [Storage]:

**Specific end use(s)**

Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge compaction and volume reduction. Lagoon treatment. Oily wastewater clarification and dissolved air flotation. Emulsion breaking.

**Restrictions on use:**

Not available

**Section 8. Exposure controls / personal protection**
**Control parameters**
**Exposure Limits**

CAS No.	Ingredient	Source	Value
7664-93-9	Sulfuric acid	ACGIH	0.2 mg/m <sup>3</sup> (T) Thoracic Fraction
		OSHA	1 mg/m <sup>3</sup>
		NIOSH	TWA 1 mg/m <sup>3</sup>
		Alberta	1 mg/m <sup>3</sup> TWA 3 mg/m <sup>3</sup> STEL
		British Columbia	0.2 mg/m <sup>3</sup> TWA (contained in strong inorganic acid mists, thoracic)
		Manitoba	0.2 mg/m <sup>3</sup> TWA (thoracic particulate matter)
		New Brunswick	1 mg/m <sup>3</sup> TWA 3 mg/m <sup>3</sup> STEL
		Newfoundland and Labrador	0.2 mg/m <sup>3</sup> TWA (thoracic particulate matter)
		Nova Scotia	0.2 mg/m <sup>3</sup> TWA (thoracic particulate matter)
		Northwest Territories	0.2 mg/m <sup>3</sup> TWA (thoracic fraction, strong acid mists only) 0.6 mg/m <sup>3</sup> STEL (thoracic fraction, strong acid mists only)
		Nunavut	0.2 mg/m <sup>3</sup> TWA (thoracic fraction) 0.6 mg/m <sup>3</sup> STEL (thoracic fraction)
		Ontario	0.2 mg/m <sup>3</sup> TWA (thoracic)
		Prince Edward Island	0.2 mg/m <sup>3</sup> TWA (thoracic particulate matter)
		Quebec	1 mg/m <sup>3</sup> TWAEV 3 mg/m <sup>3</sup> STEV
		Saskatchewan	0.2 mg/m <sup>3</sup> TWA (thoracic fraction) 0.6 mg/m <sup>3</sup> STEL (thoracic fraction)
Yukon	1 mg/m <sup>3</sup> TWA 1 mg/m <sup>3</sup> STEL		
10043-01-3	Aluminium sulfate	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	TWA 2 mg/m <sup>3</sup>
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

**Exposure controls**

**Respiratory** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Eyes** Chemical safety goggles and face shield.

**Skin** Wear chemical resistant gloves: Poly vinyl chloride (PVC), nitrile, viton™ (a trademark of the Chemours company), butyl or butyl rubber. Avoid skin contact. Wear protective gloves. Wear suitable protective clothing.

**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Engineering Controls** **Exposure Controls Appropriate Engineering Controls:** Emergency eyewash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Other Work Practices** Put on appropriate personal protective equipment. Chemically compatible gloves, protective clothing, and chemical resistant safety goggles and face shield. If insufficient ventilation: wear respiratory protection.

When line breaking and where there is higher exposure potential, additional protective clothing may be required. A site-specific PPE hazard assessment is recommended and should be reviewed for any additional requirements that may be needed for specific tasks.

Use only outdoors or in a well-ventilated area. Do not breathe mist, spray, and vapours.

Do not get in eyes, on skin, or on clothing. Use appropriate personal protection equipment (PPE). Wear protective gloves, eye protection, face protection (refer to section 8 for more details).

Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

**Safety Data Sheet**  
**Aluminum Sulfate, Acidized****Revision Date:**  
**3 November, 2025****Section 9. Physical and chemical properties****Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid
<b>Color</b>	clear, amber to light blue-green colored
<b>Odor</b>	Odorless
<b>Odor threshold</b>	No available information
<b>Melting point / freezing point</b>	<-18°C (< 0°F)
<b>Initial boiling point and boiling range</b>	No available information
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
<b>Flash Point</b>	No available information
<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>pH</b>	<1
<b>Viscosity (cSt)</b>	No available information
<b>Solubility in Water</b>	Completely Soluble in water.
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Vapour pressure (Pa)</b>	No available information
<b>Relative Density</b>	No available information
<b>Vapour Density</b>	No available information
<b>Evaporation rate (Ether = 1)</b>	No available information 1.25 - 1.28
<b>Other information</b>	No other relevant information.

**Section 10. Stability and reactivity****Reactivity**

Corrosive to metals. Contact with metals may evolve flammable hydrogen gas.

**Chemical stability**

Stable under recommended handling and storage conditions (see section 7).

**Possibility of hazardous reactions**

Reacts with some bases.

**Conditions to avoid**



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

Direct sunlight, extremely high or low temperatures, and incompatible materials.

**Incompatible materials**

Acids react with most metals to release hydrogen gas which can form explosive mixtures in air. Water, alkaline solutions, metals, metal powder, carbides, chlorates, fuminates, nitrates, picrates, strong oxidizers, reducers, or combustible organics.

Hazardous gases may evolve on contact with chemicals such as cyanides, sulfides, and carbides.

**Hazardous decomposition products**

Oxides of sulfur at high temperatures. Hazardous gases may evolve on contact with chemicals such as cyanides, sulfides, and carbides.

**Section 11. Toxicological information**

**Acute toxicity**

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
<b>Product Acute Toxicity Estimates</b>	NA	NA	NA	NA	NA

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Aluminium sulfate - (10043-01-3)	6,207.00, Mouse - Category: NA	No data available.	No data available.	No data available.	No data available.
Sulfuric acid - (7664-93-9)	No data available.	No data available.	No data available.	No data available.	No data available.

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
7664-93-9	Sulfuric acid	IARC	Group 1
		ACGIH	A2 (in strong inorganic acid mists)
10043-01-3	Aluminium sulfate	IARC	No
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	1	Causes serious eye damage.



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**Possible routes of entry:**

Inhalation, ingestion, skin contact, and skin absorption.

**Symptoms and effects, both acute and delayed:**

Contact with eyes causes serious eye damage. Contact with the skin causes irritation.

**Acute Health Effects :** the substance causes serious eyes damage and is irritating to the skin.

**EYE:** Contact causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva. (IMMEDIATE)

**SKIN:** Causes skin irritation (IMMEDIATE).

**INHALATION:** May be corrosive to the respiratory tract. (IMMEDIATE) Prolonged exposure may cause irritation of the upper respiratory passages.

**INGESTION:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. (IMMEDIATE)

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** If exposed or concerned, get medical advice and attention.

**Eyes** Causes serious eye damage.

**Skin** Causes skin irritation.

**Chronic effects** Not available, none known.

**Section 12. Ecological information**

**Toxicity**

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Aluminium sulfate - (10043-01-3)	186.00, Danio rerio	38.20, Daphnia	No data available.
Sulfuric acid - (7664-93-9)	27.00, Lepomis macrochirus	100.00, Desmodesmus subspicatus	100.00, Desmodesmus subspicatus



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

No available information

**Mobility in soil**

No available information

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB/vPvM chemicals.

**Other adverse effects**

No available information

**Section 13. Disposal considerations**

**Waste treatment methods**

Dispose of waste material in accordance with all local, regional, federal, provincial, state, territorial and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Section 14. Transport information**

**DOT (Domestic Surface Transportation):** This product is excepted from HM regulation when transported in compliance with 49CFR 173.154(d).

**Materials corrosive to aluminum or steel only.** Except for a hazardous substance, a hazardous waste, or a marine pollutant, a material classed as a Class 8, Packing Group III, material solely because of its corrosive effect.

- (1) On aluminum is not subject to any other requirements of this subchapter when transported by motor vehicle or rail car in a packaging constructed of materials that will not react dangerously with or be degraded by the corrosive material; or
- (2) On steel is not subject to any other requirements of this subchapter when transported by motor vehicle or rail car in a bulk packaging constructed of materials that will not react dangerously with or be degraded by the corrosive material.





**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

Classification Method: Classified as per Part 2, Sections 2.1-2.8 of the Transportation of Dangerous Goods Regulations.

DOT (Domestic Surface Transportation)	
<b>UN number</b>	UN3264
<b>UN proper shipping name</b>	UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (Contains Aluminum Sulfate, Sulfuric Acid), 8, III
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

TDG (Domestic Surface Transportation)	
<b>UN number</b>	UN3264
<b>UN proper shipping name</b>	Corrosive liquid, acidic, inorganic, n.o.s. (Contains Aluminum Sulfate, Sulfuric Acid)
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

IMO / IMDG (Ocean Transportation)	
<b>UN number</b>	UN3264
<b>UN proper shipping name</b>	Corrosive liquid, acidic, inorganic, n.o.s. (Contains Aluminum Sulfate, Sulfuric Acid)
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

ICAO/IATA	
<b>UN number</b>	UN3264
<b>UN proper shipping name</b>	Corrosive liquid, acidic, inorganic, n.o.s. (Contains Aluminum Sulfate, Sulfuric Acid)
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

**Environmental hazards**  
IMDG Marine Pollutant: No;



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

**Special precautions for user**

No available information

**Section 15. Regulatory information**

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act (TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

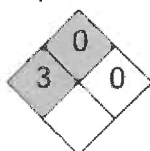
**NFPA Ranking**

Health (blue) :3

Fire (red) :0

Reactivity (yellow) :0

Special (white) :--



**Note:** Strong inorganic acid mists containing sulfuric acid are listed on the California Proposition 65 Carcinogen List. [Sulfuric acid, in and of itself, is not listed under Proposition 65. However, if one has sulfuric acid, which through its intended use generates an acid mist that in turn contains sulfuric acid that would meet the listing. The term "strong" does not refer to the concentration of the acid, but rather the strength of the acid. The basis for the listing of strong inorganic acid mists containing sulfuric acid was the formal identification by the National Toxicology Program (NTP), in its Ninth Report on Carcinogens, that this chemical mixture is "known to be a human carcinogen." (Public notice available at [http://www.oehha.ca.gov/prop65/CRNR\\_notices/admin\\_listing/intent\\_to\\_list/noil19b4.html](http://www.oehha.ca.gov/prop65/CRNR_notices/admin_listing/intent_to_list/noil19b4.html).) ]

**Toxic Substance Control Act (TSCA)**

Aluminium sulfate

Sulfuric acid

Water

**CERCLA Chemicals and RQs (lbs):**

Aluminium sulfate ( 5,000.00)

Sulfuric acid ( 1,000.00)

**EPCRA 302 Extremely Hazardous:**

Sulfuric acid

**EPCRA 313 Toxic Chemicals:**

Sulfuric acid

**Canadian Domestic Substance List (DSL):**

Aluminium sulfate

Sulfuric acid

Water



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

**Canadian Non-Domestic Substance List (NDSL):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

- Aluminium sulfate
- Sulfuric acid

**Pennsylvania RTK Substances (>1%):**

- Aluminium sulfate
- Sulfuric acid

**Proposition 65 - Carcinogens (>0.0%):**

- Sulfuric acid

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 Label Warning:**



WARNING: This product can expose you to chemicals including [Sulfuric acid], which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Note:** Strong inorganic acid mists containing sulfuric acid are listed on the California Proposition 65 Carcinogen List. [Sulfuric acid, in and of itself, is not listed under Proposition 65. However, if one has sulfuric acid, which through its intended use generates an acid mist that in turn contains sulfuric acid that would meet the listing. The term "strong" does not refer to the concentration of the acid, but rather the strength of the acid. The basis for the listing of strong inorganic acid mists containing sulfuric acid was the formal identification by the National Toxicology Program (NTP), in its Ninth Report on Carcinogens, that this chemical mixture is "known to be a human carcinogen." (Public notice available at [http://www.oehha.ca.gov/prop65/CRNR\\_notices/admin\\_listing/intent\\_to\\_list/noil19b4.html](http://www.oehha.ca.gov/prop65/CRNR_notices/admin_listing/intent_to_list/noil19b4.html).) ]

Chemical Name (CAS Number)	US TSCA	Australia AICS	Korea ECL	EU EINECS	EU ELINCS	EU SVHC	EN NLP	Mexico INSQ
Aluminium sulfate (10043-01-3)	Yes	Yes	Yes	Yes	No	No	No	Yes
Sulfuric acid (7664-93-9)	Yes	Yes	Yes	Yes	No	No	No	Yes



**Safety Data Sheet**  
**Aluminum Sulfate, Acidized**

**Revision Date:**  
**3 November, 2025**

Chemical Name (CAS Number)	China IECSC	Japan ENCS	Japan ISHL	Japan PDSCL	Japan PRTR 1	Japan PRTR 2	Philippines PICCS	New Zealand NZIOC
Aluminium sulfate (10043-01-3)	Yes	Yes	No	No	No	No	Yes	Yes
Sulfuric acid (7664-93-9)	Yes	Yes	Yes	Yes	No	No	Yes	Yes

**Section 16. Other information**

**Revision Date**            11/03/2025

**Revision Number**        7

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products.

Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

End of Document

**BAY AREA CHEMICAL CONSORTIUM**

**REQUEST FOR BIDS**

**BID NO. 01-2026**

**FOR SUPPLY AND DELIVERY OF ALUMINUM SULFATE**

**BID DUE DATE: 4:00 P.M. PT, Thursday, February 19, 2026**

**BID OPENING DATE: 4:00 P.M. PT, Thursday, February 19, 2026**

**Coordinating Agency:  
Bay Area Clean Water Agencies**

## **TABLE OF CONTENTS**

	Page No.
Notice Inviting Sealed Bids	3
<b><u>Section I – General</u></b>	
1. General Provisions	5
2. Instructions to Bidders	5
3. Special Instructions to Bidders	11
4. Terms and Conditions	16
<b><u>Section II – Technical Specifications</u></b>	
1. Product Technical Specifications	21
<b><u>Section III – Participating Agencies</u></b>	
1. Estimated Annual Quantities	25
2. Delivery Details	28
3. Contact List	32
<b><u>Section IV – Bid Contract Documents</u></b>	
1. Standard Agreement	39
2. Non-Collusion Affidavit	41
3. Bid Form and Worksheet	42

**NOTICE INVITING SEALED BIDS  
FOR SUPPLY AND DELIVERY OF ALUMINUM SULFATE  
BAY AREA CHEMICAL CONSORTIUM (BACC)  
BID NO. 01-2026**

The Bay Area Chemical Consortium (BACC), a cooperative group of public agencies, is seeking competitive sealed bids for the supply and delivery of ALUMINUM SULFATE. All sealed bids to be considered for this solicitation must be received via our electronic bid platform <https://bacwa.org/about-bacc/> by **4:00 P.M. PT, Thursday, February 19, 2026**. Bids received after said date and time will not be considered under any circumstances. Bids submitted by mail or by facsimile will not be accepted. BACC and its member agencies reserves the right to reject any and all bids and to waive informalities and immaterial irregularities or technical defects in the bids received.

For additional information or any questions concerning this bid, use the public Q&A Forum in our electronic bid system.

## **SECTION I**

**BAY AREA CHEMICAL CONSORTIUM  
GENERAL  
FOR BID NO. 01-2026  
ALUMINUM SULFATE**

**BAY AREA CHEMICAL CONSORTIUM  
REQUEST FOR BIDS  
FOR SUPPLY AND DELIVERY OF ALUMINUM SULFATE  
BID NO. 01-2026**

Sealed bids will only be received electronically via our electronic bid platform <https://bacwa.org/about-bacc/>  
no later than **4:00 P.M. PT, Thursday February 19, 2026.**

**1. GENERAL PROVISIONS**

The Bay Area Chemical Consortium (BACC) is a cooperative group of public agencies each individually established under the laws of the State of California. For this particular bid solicitation, the participating member agencies include those listed in Section III-1, Estimated Annual Quantities. These participating BACC agencies, acting collectively through their authorized agents, are seeking competitive sealed bids for the supply and delivery of ALUMINUM SULFATE.

Sealed bids will only be received electronically via our electronic bid platform <https://bacwa.org/about-bacc/>  
no later than 4:00 P.M. PT, Thursday February 19, 2026. Bids received after said date and time will not be considered under any circumstances.

BACC and its member agencies reserves the right to reject any and all bids and to waive informalities and immaterial irregularities or technical defects in the bids received.

If you have any questions regarding this bid, please contact the BACC Coordinators via the electronic bid platform <https://bacwa.org/about-bacc/> Q&A forum. Preliminary bid results will be available via our electronic bid platform shortly after the opening date and time.

**2. INSTRUCTIONS TO BIDDERS**

To receive consideration, bids must be made in accordance with the following instructions:

**2.1 Bid Contract Documents**

Bids must be submitted only using the forms provided in Section IV, Bid Contract Documents that includes the following: **Bid Form**, **Standard Agreement**, and **Non-Collusion Affidavit**, collectively, the bid contract documents. Bidder must submit bids price per unit of measure as specified via the electronic bid platform <https://bacwa.org/about-bacc/>. Do not submit the Worksheet. Bid prices submitted on Worksheet will NOT be accepted. All items in the bid contract documents must be filled out completely, signed and dated. The bid contract documents may be rejected if they show any omissions, alterations of form, the addition

of information not requested, a conditional bid, or irregularities of any kind. A complete bid submittal must include all of the following components of the bid contract documents:

- A completed and signed **Bid Form**, including all the attachments requested;
- A fully executed **Standard Agreement**, including references and acknowledgement of receiving any and all addenda, with any deviations duly noted;
- A fully executed **Non-collusion Affidavit**.
- The information required by Section 2.21 as referenced in the Bid Form.
- Name and address of any Third Party Hauler as required by Section 2.5 and the Bid Form, as well as the affidavit referenced in the Bid Form.

Bidder must submit bids price per unit of measure as specified via the electronic bid platform <https://bacwa.org/about-bacc/> (Line Items section).

## 2.2 Estimated Quantity

The quantities indicated are estimates of anticipated usage for a 12-month period and are given for informational purposes only. Nothing in these estimated annual quantities must be construed as obligating any participating BACC agency to purchase specific quantities, as these quantities may vary depending on actual operating conditions and demands during the contract term. All participating BACC agencies reserve the right to purchase any volume of the chemical listed, at the contract price, regardless of stated estimates of quantities. No price adjustments will be allowed as a result of an increase or a decrease in the quantity purchased. For this particular bid solicitation, the estimated annual chemical quantity of each participating member agencies is listed in Section III-1, Estimated Annual Quantities.

## 2.3 Delivery Locations

The participating BACC agencies are grouped according to their location by relative geographic region. The bidder must quote uniform bid prices for deliveries made to each of the distinct geographic regions. For this particular bid solicitation, the distinct geographic regions for each agency are defined in Section III-1, Estimated Annual Quantities, as well as in Section III-2, Delivery Details.

## 2.4 Bid Pricing

All bids submitted must include a base unit price, FOB destination, for the chemical for each geographic region per paragraph 2.3 Delivery Locations. Base unit price should NOT include tariffs. Bidders shall provide bid prices via the electronic bid platform <https://bacwa.org/about-bacc/> including all costs associated with providing and delivering the chemical to the agency's facility, including materials, labor, equipment, transportation, insurance, overhead, profit, and all applicable taxes except sales tax in effect at the time of delivery. Bids qualified by additional or conditional charges such CPI, escalators, fuel surcharges, or transportation charges between the supplier and the final delivery points will not be allowed.

BACC agencies that use a chemical for treating water for resale may be exempt from paying sales tax, and it will be the responsibility of each BACC agency to notify the successful bidder if some or all of their purchases will be exempt from sales tax per paragraph 3.6 Taxes.

**Bid prices must be based on bulk deliveries amount as specified via the electronic bid platform <https://bacwa.org/about-bacc/>.** Bids that do not include unit prices for bulk deliveries to each geographic region specified on the electronic bid platform will be considered irregular and, at the option of BACC and the participating BACC agencies, may be eliminated from further consideration. For bulk deliveries of less than this specified amount, the bidder may, at their option, assess additional charges for “short loads” unless specific requirements for smaller deliveries are described in paragraph 3.7 Delivery Requirements. Any additional “short load” charges must be shown by the bidder as a specific deviation on the bid contract documents. Bidders and/or third party haulers will not be allowed to refuse to make “short load” deliveries.

Any optional item will be shown as a separate line item in the electronic bid platform <https://bacwa.org/about-bacc/> and bidders may, at their option, submit unit prices for the optional item. Bids that do not include unit prices for optional item will not be considered irregular and therefore such bids will not be rejected for that reason.

If participating BACC agencies require non-bulk deliveries in containers such as buckets, barrels, or totes, it will be shown as a separate line item in the electronic bid platform <https://bacwa.org/about-bacc/>. Bidders may, at their option, submit unit prices for deliveries in buckets, barrels, or totes. Bids that do not include unit prices for buckets, barrels, or totes will not be considered irregular and therefore such bids will not be rejected for that reason. If none of the participating BACC agencies require non-bulk deliveries in containers such as buckets, barrels, or totes, the electronic bid platform <https://bacwa.org/about-bacc/> will not include spaces to enter bid prices for such non-bulk deliveries in containers such as buckets, barrels, or totes, however, if a participating BACC agency later decides that they need deliveries in containers, bidders may, at their option, negotiate with the BACC agency to determine a price for deliveries in containers such as buckets, barrels, or totes.

## **2.5 Bidder Qualifications**

A qualified bidder is one determined by BACC and the participating BACC agencies to meet standards of business competence, reputation, financial ability, and product quality. A responsive bidder is a firm/person who has submitted a bid that conforms in all material respects to the terms and conditions, the specifications of the chemical, and any other requirement of the bid instructions. A responsible bidder is a firm/person who has the capability in all aspects to perform full contract requirements, and who has the integrity and reliability that will assure good faith and specific performance. Bidders that intend to utilize a third-party hauling company for completing some or all of their deliveries must indicate the name and contact information of the third-party hauling company on the Bid Form. Before submitting a bid, the bidder must carefully examine and read all parts of the bid contract documents and be fully informed as to all existing conditions and limitations. It should be noted that, upon selection and approval of the successful bidder, the entire contents of the bid contract documents will become part of the full contract

between the participating BACC agency and successful bidder (see paragraph 3.5 Purchase Orders / Contracts).

## **2.6 Authorized Signatory of Bid Contract Documents**

The person signing the submitted bid must be fully authorized to represent and legally bind the bidding company to the terms and conditions described herein. A corporate officer must sign bids by corporations in the corporate name. The State of incorporation must be written in below the corporate name. Bids by partnerships must be signed in the partnership's name and signed by a partner with his/her title shown.

## **2.7 References**

The bidder must submit with the bid a list of a minimum of three references that have purchased similar chemicals and services from the bidder. The bidder must provide the company or agency name, contact name, and telephone number for each reference. Whenever possible, bidders should provide references for customers from the same geographic regions as the participating BACC agencies. Bidders may provide references from BACC agencies. These references must be shown on the Standard Agreement contained herein.

## **2.8 Bid Submittal**

Electronic bids will only be received via the electronic bid platform <https://bacwa.org/about-bacc/> **by no later than 4:00 P.M. PT, Thursday, February 19, 2026**. Electronic bids shall contain all required attachments and information. Bidders must submit bids price per unit of measure as specified via the electronic bid platform <https://bacwa.org/about-bacc/> (Line Item section). Bidders are cautioned that failure to comply may result in non-acceptance of the bid. Bids received after said date and time will not be considered under any circumstances. BACC will not be responsible for any delays or transmission errors. Bidder accepts all risks of late delivery of electronic bids. It is the bidder's responsibility to ensure that bid submitted is received by the electronic bid platform <https://bacwa.org/about-bacc/> prior to scheduled bid opening. Any attachment will remain sealed and will not be opened until the appointed bid opening date and time. Bidders not receiving confirmation receipt should contact the electronic bid platform vendor <https://bacwa.org/about-bacc/> to make sure that their electronic submittal has gone through.

## **2.9 Modification, Addenda, and Interpretations**

Any explanation desired by the bidders regarding the meaning or interpretation of this particular bid solicitation including the bid contract documents must be requested via the electronic bid platform Q&A Forum at least five (5) business days prior to the time set for the bid opening. Any and all such interpretations or modifications must be in the form of a written request to the BACC Coordinator via the electronic bid platform Q&A Forum. All changes to this particular bid solicitation document including the bid contract documents initiated by the BACC Coordinator will be through written addenda and furnished to all bidders via the electronic bid platform. Addendum will be issued no later than 72 hours before bid opening. Any written addendum issued 72 hours before the date and time of the bid opening will become a part of the bid contract documents and must be acknowledged on the Standard Agreement form that

each bidder submits. Failure to acknowledge any and all the addendum(s) on the Standard Agreement form may be cause for rejection of the bid.

#### **2.10 Modification of Bids**

A bidder may modify their bid via the electronic bid platform prior to the date and time of the bid opening. Modifications of any bid prices, terms and conditions must be electronically submitted via the electronic bid platform prior to the time of the bid opening. It shall be the responsibility of the respective bidder to determine if their written modification was received in time by electronic bid platform. BACC reserves the right to accept or reject any proposed modifications of the bid terms and conditions.

#### **2.11 Withdrawal of Bids**

Any bid may be withdrawn any time prior to the stated bid opening date and time (closing time) only via the electronic bid platform. The withdrawal request must be executed by the bidder or a duly authorized representative. The withdrawal of the bid does not prejudice the right of the bidder to file a new bid prior to the bid closing time. No bids may be withdrawn after the bid opening date and time.

#### **2.12 Proposed Deviations from the Specifications by the Bidder**

Any deviation from the specifications described herein or in a written addendum that is proposed by a bidder must be noted in detail on the Standard Agreement form, and a copy of the proposed specification must be attached to the Standard Agreement form at the time of submission. The absence of a proposed change in the specifications will hold the bidder strictly accountable to the specifications as described herein. If proposed deviations from the specifications are submitted, the bidder's name should be clearly shown on each document. Each BACC agency will be responsible for individually accepting or rejecting any proposed deviations from the described specifications.

#### **2.13 Competency of Bidders**

Before any contract is awarded, the bidder may be required to furnish a complete statement of financial ability and experience in performing the proposed services. In accordance with the provisions of the California Business and Professions Code and other regulations, the bidder must have and maintain current any and all necessary licenses or certificates.

#### **2.14 Rejection of Bids**

The BACC and/or its individual agencies reserves the right to reject any and all bids and reserves the right to waive a bid deficiency or reject a bid for any reason, including but not limited to the following: informalities, nonconforming, non-responsive or conditional bids, bids showing any alterations of form or erasures or irregularities of any kind, additional information not requested, incomplete bids, or bids not conforming with the instructions in any way. Bidders that plan to utilize a third-party hauling company that refused to deliver to one or more of the participating agencies in the past three (3) years will be rejected as non-responsive.

### **2.15 Opening Bids**

A preliminary bid results showing apparent lowest bid will be available on the electronic bid platform shortly after the bid opening date / time.

### **2.16 Method of Award**

Bids may be awarded to the lowest responsive and responsible bidder meeting the specifications for bulk loads for the chemical. The lowest responsive bidder will be determined by multiplying the estimated annual quantity for each participating BACC agency by the bid price for their region and adding up the aggregate cost to all of the participating agencies in the regions. The single bid that results in the lowest overall cost to the participating agencies as a group will be determined by BACC to be the low bid, assuming the bid is determined by BACC to be complete and in compliance with the bid requirements. BACC has the right to delete terms or options from the bid contract documents and reserves the right to reject any and all bids and to waive irregularities in said bids. The following is a non-exhaustive list of criteria that BACC may, in its sole discretion, consider in award of the bid:

- a. Unit cost of the chemical
- b. Product specifications
- c. Warranties or standards of quality
- d. Capabilities to deliver product throughout the contract term
- e. Bidder's reputation, competency, and previous customer service record
- f. Third party hauling company's reputation, competency, and previous customer service record (if applicable)
- g. Fully executed non-collusion affidavit

### **2.17 Disqualification of Duplicate or Collusive Bidders**

More than one bid proposal from an individual, a firm or partnership, a corporation or an association under the same or different names will not be considered. Reasonable grounds for believing that any bidder is interested in more than one bid for the bid contemplated will cause rejection of all bids in which such bidder is interested. If there is reason for believing that collusion exists among the bidders, any and all bids may be rejected. Bidders must execute and submit with their bid the Non-Collusion Affidavit included in the bid document.

### **2.18 Identical Bids**

In the case of tied or identical bids corresponding to the proposed unit costs, BACC reserves the right to award the bid based on additional criteria. If a tied bid is not rejected for any reason as described in paragraph 2.16 Method of Award, then any additional costs described in the "Specific Deviations" such as short load adders, will be used to determine the lowest responsive bidder. If considering additional costs as described in the "Specific Deviations" still doesn't produce a winning bidder (i.e. if the tied bidders quote identical short load adder prices), then any exceptions or conditions described in the "Specific Deviations" will be considered in an effort to determine the lowest responsive bidder. If the latter still fails to produce a winning bidder, then BACC will draw lots by placing the names of the tied bidders in a hat

and drawing a name. If drawing lots is deemed necessary, BACC will schedule a time to draw lots and the tied bidders will be invited to attend and witness the drawing.

### **2.19 Material Warranty**

Before the bid is awarded and, if applicable, the bidder may be required to furnish a complete statement of the origin, composition and manufacture of any or all chemicals to be supplied, together with samples. The samples may be subjected to tests to determine their quality and fitness for the intended uses.

### **2.20 Bid Summary**

Bid proposals will be summarized and reviewed with the BACC agencies following the bid opening. Bid summaries or tabulations will also be provided to the responsive bidders within ten (10) business days following the bid opening. After a careful review of the bids by each of the participating BACC agencies, bids may be awarded based on the criteria outlined in paragraph 2.16 Method of Award.

### **2.21 Manufacturer's Information**

Bidders must submit with their bid contract documents the following:

- a. In accordance with Section 64590, Title 22 of the California Code of Regulations (CCR), no chemical or product shall be added to drinking water by a water supplier unless the chemical or product is certified as meeting the specifications of NSF International/American National Standard Institute (NSF/ANSI) 60-2005 (Drinking Water Treatment Chemicals—Health Effects). Certification shall be from an ANSI accredited product certification organization whose certification system includes the criteria for ensuring the chemical or product meets NSF/ANSI Standard 60 per Section 64590 of the CCR. Bidders must submit an affidavit of compliance from the ANSI accredited product certification organization. Bidders must include a statement by the chemical manufacturer, signed by an authorized representative on letterhead stationery, attesting to the affidavit's validity. In lieu of submitting an affidavit of compliance and a letter attesting to the affidavit's validity, a current printout from the ANSI accredited product certification organization is acceptable.
- b. A representative analysis of the chemical to be supplied, as prepared by a reputable outside laboratory or bidder's in-house laboratory if ISO certified.
- c. Name and address of the chemical manufacturer.
- d. Product Bulletin and Typical Properties.
- e. Safety Data Sheet (SDS).

## **3. SPECIAL INSTRUCTIONS TO BIDDERS**

### **3.1 Chemical Requirements**

The chemical to be provided under the terms and conditions of this bid must meet the bid specifications described in the pages that follow.

### **3.2 Safety Requirements**

The bidder, their employees, subcontractors, and/or agents must conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety, and they must adhere to all State, Federal and Occupational Safety and Health Act (OSHA) safety standards, including compliance with any applicable State or local health order related to COVID-19 while they are on the premises of any BACC agency. Furnished equipment, materials, and/or services must comply with all OSHA standards and regulations, and all applicable governmental laws and orders. The BACC agencies reserve the right to individually refuse any shipment, at their sole discretion, which cannot be unloaded using safe and proper techniques. Any such refusal must result in the return of the chemical at the successful bidder's sole expense. If requested by a participating BACC agency, the successful bidder and/or the firm providing transportation of the chemical shall submit to a safety briefing at the BACC agency's site before commencing deliveries to the respective BACC agency. The successful bidder and/or the firm providing transportation of the chemical are required to comply with the site specific safety requirements of each participating BACC agency. Bidders should be aware that some BACC agencies do not allow smoking on site. Site safety requirements will be available for review during the bid period upon request to the BACC Coordinator. In addition, if requested by a participating BACC agency, the successful bidder and/or the firm providing transportation of the chemical may be asked to review site safety materials and provide a signed acknowledgement of their receipt of the site safety materials.

### **3.3 Spillage**

The successful bidder must be prepared to provide safety training on the safe handling and use of the chemical and emergency procedures in the event of a leak or spill. Should a chemical spill or leak result due to negligence, faulty equipment, or inferior packaging on the part of the bidder or their agents, the bidder and their agents must be responsible for cleaning the spill or leakage and for bearing any cost incurred due to spill or leakage clean-up. It must be the successful bidder's responsibility to effect immediate containment, clean-up, disposal, and restoration activities in accordance with the individual facility's requirements and any and all applicable laws and regulations. All material associated with such clean-up operations must be hauled away and lawfully disposed of at no charge to the agency where the delivery is being made. The property of the agency where the delivery is being made must not be used for such disposal. If the spill is NOT cleaned up, the agency will hire a certified hazardous material handling company to clean up the spill, and the costs incurred, including any fines or penalties which may be imposed by regulating authorities, will be charged to the bidder or deducted from amounts owed. Chemicals must stay in the possession of the bidder and must not be unloaded until accepted by the participating BACC agency. All chemicals must be delivered in accordance with Department of Transportation regulations.

### **3.4 Chemical Orders**

All orders placed throughout the contract period, as defined in paragraph 4.11 Term of Contract, will be initiated separately by each participating BACC agency, and each BACC agency will be responsible for the coordination of all aspects of those orders with the successful bidder. Inquiries in reference to individual orders during the contract period must be directed to the appropriate BACC agency.

### **3.5 Purchase Orders / Contracts**

Individual purchase orders, purchase agreements, and / or contracts will be issued to the successful bidder by each participating BACC agency, and all chemical sales must be invoiced separately to the respective BACC agency. Each BACC agency may require additional contract requirements specific to the agency which are not included in this bid document and bidders need to contact the agencies for specific details and perform due diligence prior to submitting a bid. The contracted unit cost of the chemical is the awarded bid price. The successful bidder may seek a price increase for any nontrivial change requested by the participating BACC agency in the terms and conditions of the participating BACC agency's purchase order, purchase agreements, and / or contracts. The successful bidder may not change the price throughout the term of the contract unless by mutual written agreement between BACC agency and successful bidder per Section 4.4 Modification of Contract.

### **3.6 Taxes**

Pursuant to the Sales and Use Tax Law, water treatment facilities are entitled to submit *Resale Certificates* to the California State Board of Equalization which exempt that utility from paying sales tax on any chemical purchased for the expressed use of producing a consumable water product. The participating BACC agencies that provide potable and/or recycled water to customers will be responsible for providing the successful bidder with these certificates or letter documenting their determination if the chemical they seek to purchase is exempt from sales tax. BACC agencies that do not notify the successful bidder that their agency is exempt from paying sales tax shall be invoiced with sales tax shown as a separate, itemized cost on the invoice. Chemicals purchased solely for the use in wastewater treatment and disposal facilities are subject to sales tax.

### **3.7 Delivery Requirements**

Bidders are responsible for reviewing each of the listed delivery locations or geographic regions for each participating BACC agency and ensuring that their product can be delivered to each location prior to submitting a bid. Bidders that intend to utilize the services of a third party hauling company for some or all of their deliveries are responsible for ensuring that the hauler they have selected can and will deliver their product to each location listed in Section III-2, Delivery Details, and for submitting an affidavit pertaining to assurance with their bid. Failure to provide this assurance and submit an affidavit may be cause for rejecting their bid. Delivery bills of lading must be provided for each shipment. All bulk shipments must include a weight ticket from a certified weigh station in addition to a shipping manifest. Delivery times and dates must be coordinated between the successful bidder and each participating BACC agency on a schedule that meets the needs of the BACC agency, but at no time can a delivery occur more than seven (7) days after the order is placed unless the respective BACC agency requests a later delivery. No delivery can be made when a BACC agency representative is not on site. The successful bidder must notify the BACC agency of any anticipated late deliveries at least 24 hours in advance of the scheduled delivery time and date, unless delivery delays are the result of in-route transportation delays, then notification must be provided as soon as possible to inform the BACC agency of the anticipated delivery date and time. Persistently late or cancelled deliveries (defined as three or more over the contract period) may be used as a basis for contract termination. Failure to provide notice of late delivery as required by this section may also be a basis for contract termination. Any deliveries not meeting chemical quality, regulatory,

safety, or delivery requirements will be returned to the successful bidder at no cost to the BACC agency, and must be re-delivered by the bidder within 48 hours of the unacceptable delivery.

### **3.8 Force Majeure**

Any bidder that anticipates a workforce interruption, including due to COVID-19 restrictions, or a production shutdown that could affect delivery of the chemical must fax or e-mail notifications to all participating BACC agencies to notify them of the potential interruption in deliveries. A telephone call must also be made to each BACC agency as a follow-up notification.

### **3.9 Emergency Supply Plan Description**

BACC requests that bidders provide a summary of plans addressing their ability to be able to continue to supply product in the event of an unexpected disaster or urgent emergency event.

### **3.10 Safety Data Sheet (SDS)**

Bidders must submit a Safety Data Sheet (SDS) for the product offered with the bid. The successful bidder must provide a new SDS for the chemical with the first delivery or if the SDS is modified during the contract term.

### **3.11 Payments**

Payments for all chemicals will be made individually by each participating BACC agency thirty (30) days after receipt of a complete and accurate invoice. BACC itself does not have any legal authority to conduct business and therefore cannot be held responsible for the financial arrangements made between each individual BACC agency and the successful bidder. Cash discounts for early remittance of payment must be stated on the invoice, if applicable. The bidder is responsible for submitting accurate invoices to each BACC agency. The BACC agencies are not responsible for late payments resulting from the submission of inaccurate invoices. If bidder continues to submit inaccurate invoices after being put on notice by the BACC agency, the contract between the bidder and the BACC agency may be terminated.

### **3.12 Legislative Impacts**

In the event the legislative body of any BACC agency fails to appropriate funds for the purchase of the chemical, the respective BACC agency may terminate such contract without penalty and thereupon be released of further obligation.

### **3.13 Subcontracting**

No portion of the bid award may be subcontracted to another chemical manufacturer or supplier without the prior written approval of all of the participating BACC agencies.

### **3.14 Laws and Regulations**

All applicable State of California and Federal laws, City, County, and Special District ordinances, licenses, and regulations of all participating BACC agencies having jurisdiction must apply during the contract period, including any applicable State or local health order related to COVID-19.

**3.15 Insurance**

For services requiring the supplier’s or their subcontractor’s presence on any BACC agency property, the successful bidder must acquire and maintain at their expense for the duration of the term of the contract the following insurance policies: Workers’ Compensation, Employer’s Liability, Commercial General Liability, Business Vehicle and Automobile Liability, and Contractor’s Pollution Liability Insurance coverage from insurers either (i) admitted by the California Insurance Commissioner to do business in the State of California and rated no less than A.M. Best’s rating of no less than A:VII, or (ii) authorized by the BACC agency’s risk manager(s) or his/her designee at any time in his/her sole discretion, all relating to the supplier’s services to be performed hereunder covering the BACC agency’s risks. The minimum amounts of coverage, and the breadth of coverage, corresponding to the aforesaid categories of insurance per insurable event, must be as follows, however, the insurance limits available to each participating BACC agency, their officers, officials, employees, agents and volunteers as additional insured parties, shall be the greater of the minimum limits specified herein or the full limit of any insurance proceeds available to the named insured:

INSURANCE CATEGORY	MINIMUM LIMITS
Workers’ Compensation Insurance	California Statutory Minimum
Employer’s Liability Insurance	\$2,000,000 per accident, and \$1,000,000 per employee for bodily injury or disease.
Commercial General Liability Insurance	\$5,000,000 per occurrence for bodily injury, personal injury, and property damage.
Business Vehicle and Automobile Liability Insurance	\$2,000,000 per accident for bodily injury and property damage.
Contractor’s Pollution Liability	\$1,000,000 per occurrence, \$2,000,000 policy aggregate.

Prior to commencement of any performance under the contract, the successful bidder must furnish to each participating BACC agency an original Certificate of Insurance, and copies of information or declaration pages for the insurance required with respect to evidence of all policies of insurance required as noted above. All policies of insurance must be endorsed to name the respective BACC agency, their officials, officers, employees, agents, and volunteers as additional insured parties. For any claims related to the contract, bidder’s insurance coverage shall be primary insurance with respect to each participating BACC agency, their officials, officers, employees, agents and volunteers. Any insurance or self-insurance maintained by any BACC agency party, their officials, officers, employees, agents and volunteers shall be excess of the bidder’s insurance and shall not contribute with it. The successful bidder will be responsible for contacting each participating BACC agency to ascertain the proper name or names of the agency specific entities to be included in the endorsements.

The successful bidder must also provide each participating BACC agency with a MSC-90 endorsement, required for transporters of hazardous materials and/or wastes.

The successful bidder hereby agrees to waive subrogation which any insurer of the bidder may acquire from vendor by virtue of the payment of any loss. Bidder agrees to obtain and provide to each BACC agency any endorsement that may be necessary to affect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of each participating BACC agency for all work performed by the bidder, its employees, agents and subcontractors.

The successful bidder must maintain the required insurance at all times while the contract is in effect, and must replace any certificate, policy or endorsement which will expire prior to that date. All policies of insurance must be endorsed to provide the required insurance and must not be suspended, voided, reduced, canceled, or allowed to expire except on thirty (30) days prior written notice to each participating BACC agency. The Certificate of Insurance must have a cancellation statement worded as follows: *"Should any of the above described policies be cancelled before the expiration date thereof, the issuing company must mail thirty calendar (30) written notice to the Certificate holder named to the left."*

#### **4. TERMS AND CONDITIONS**

##### **4.1 Indemnification**

To the fullest extent allowed by law, the successful bidder and its employees, subcontractors, and agents shall defend, indemnify, and save and hold harmless each participating BACC agency, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of the successful bidder's or its personnel, employees, agents, or subcontractors' willful misconduct or negligent act or omission while engaged in the performance of services described in this bid document, except those matters arising from the participating BACC agency's sole negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

This indemnification includes, without limitation, the payment of all penalties, fines, forfeitures, judgments, awards, decrees, attorney's fees, and related costs or expenses, and the reimbursement of any BACC agency, its officials, officers, employees, agents, and volunteers for all legal expenses and costs incurred by each of them.

The successful bidder's responsibility for such defense and indemnity obligations shall survive the termination or completion of the contract for the full period of time allowed by law. The defense and indemnity obligations of the contract are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in the contract.

If the successful bidder should subcontract all or any portion of the work to be performed under the contract, the successful bidder shall require each subcontractor to indemnify, hold harmless and defend each participating BACC agency and each of its officials, officers, employees, agents and volunteers in accordance with the terms of the preceding paragraphs.

#### 4.2 Bid Protests

Any bid protest must be submitted electronically via email to the BACC Coordinator before 3:30 p.m. on the fifth (5th) business day following bid opening (jdyment@bacwa.org).

- a. The protest document must be provided as one PDF and must contain a complete statement of the basis for the protest and all supporting documentation and evidence.
- b. The party filing the protest must have actually submitted a bid for the chemical. A subcontractor of a party submitting a bid for the chemical may not submit a bid protest. A party may not rely on the bid protest submitted by another bidder, but must timely pursue its own protest.
- c. The protest must refer to the specific portion of the bid document which forms the basis for the protest.
- d. The protest must include the name, address and telephone number of the person representing the protesting party.
- e. The party filing the protest must concurrently transmit a copy of the protest document and any attached documentation to all other parties with a direct financial interest which may be adversely affected by the outcome of the protest. Such parties shall include all other bidders who appear to have a reasonable prospect of receiving an award depending upon the outcome of the protest.
- f. BACC will give the bidder that is the subject of the protest five (5) business days after the receipt of the protest to submit a written response. The responding bidder shall submit the response to the protesting bidder concurrent with delivery to BACC.
- g. The procedure and time limits set forth in this paragraph are mandatory and are the bidder's sole and exclusive remedy in the event of bid protest. All protests and responses received after the time set forth herein will be rejected. The bidder's failure to comply with these procedures shall constitute a waiver of any right to further pursue the bid protest.
- h. BACC will not be responsible for any delays or transmission errors. The protesting bidder accepts all risk of late delivery of electronic protests. It is the protesting bidder's responsibility to ensure that a submittal protest is received by the bid coordinator listed in this solicitation by the due date and time. Protesting bidders should contact the bid coordinator to make sure that their electronic submittal has gone through.
- i. If BACC determines that a protest is frivolous, the protesting bidder may be determined to be non-responsible and that bidder may be determined to be ineligible for future contract awards.

#### 4.3 Equal Opportunity

The successful bidder must agree not to refuse the hire, discharge, promote, or to otherwise discriminate in the matters of compensation against any person otherwise qualified solely because of race, creed, sex, national origin, ancestry, or physical handicap. It must be a condition that any company firm or corporation supplying goods or services, must be in compliance with the Americans with Disabilities (ADA) Act of 1990. A certificate stating compliance with the ADA may be required, upon request, by any BACC agency.

#### 4.4 Modification of Contract

This bid solicitation document including the bid contract documents, in conjunction with each BACC agency's purchase order, purchase agreement and / or contract, will constitute the entire contract between each BACC agency and the successful bidder. The contract may not be modified, altered, or amended except by the mutual written agreement of the respective BACC agency and the successful bidder.

#### **4.5 Common Language**

Unless otherwise specified in this document, all words must be given their plain, common and ordinary meaning unless the context in which they are used clearly requires a different meaning. Words in the singular number include the plural, and in the plural include the singular. Additionally, words in the masculine gender include the feminine and the neuter, and when the sense so indicates, words of the neuter gender may refer to any gender.

#### **4.6 Proprietary Information**

All information included in any bid proposal that is of a propriety nature must be **clearly** marked as such. Each BACC agency must be held harmless from any claims arising from the release of proprietary information not clearly designated as such by the Bidder.

#### **4.7 Patent Guarantee**

The bidder must, with respect to any bidder's standard products, indemnify, defend and hold harmless each participating BACC agency, its employees and agents, from any and all costs and damages because of claims or litigation on account of infringement or alleged infringement of any letters patent or patent rights by reason of the sale or normal use of such products, provided that the bidder is promptly notified of all such actual or potential infringement suits, and is given an opportunity to participate in the defense of the participating BACC agencies.

#### **4.8 Quality Control**

The bidder's chemical may be inspected and/or sampled before, during, or after any delivery and tested to confirm compliance with all of the specifications. Persistent clogging, deliveries containing significant amounts of debris, and/or chemical not meeting the technical specifications will be considered to be deficiencies. If deficiencies are detected, the chemical will be rejected and the bidder will be required to remove and replace any and all of the chemical and clean the associated tanks and piping that are contaminated by a delivery that is determined to be deficient, at no cost to the participating BACC agency. If the bidder fails to remove and replace the deficient chemical in a timely manner after being notified of the problem by the participating agency, the participating agency may remove and dispose of the contaminated chemical and clean the chemical storage tank or tanks and the associated piping all at the bidder's expense. Payment for the delivered chemical will not be made until the defects are corrected and the chemical is properly replaced and accepted. Repeat failures to comply with the specifications must constitute grounds for termination of the contract.

#### **4.9 Term of Contract**

The term of the contract between the respective BACC agency and the successful bidder will be twelve (12) months commencing July 1, 2026, and expiring June 30, 2027, with an option to extend the contract on a year-to-year basis, not to exceed three (3) yearly renewals if conditions and service are satisfactory to both the respective BACC agency and the successful bidder. The price for any succeeding periods of service shall be determined by negotiation between the respective BACC agency and the successful bidder.

#### **4.10 Good Faith Bidding and Contracting**

The participating BACC agencies listed on this bid solicitation are bidding in good faith and have agreed not to extend an existing bid in lieu of contracting with the lowest responsive bidder. However, nothing in this bid solicitation shall prevent a BACC agency from rejecting all bids and separately procuring the services they require, if deemed in the best interest of their respective agency.

#### **4.11 Termination of Contract**

Any BACC agency may terminate their contract with the successful bidder for any reason by providing the successful bidder written notice of termination, and specifying the effective date thereof, at least thirty (30) days before the effective date. Termination of the contract by one BACC agency does not affect the contractual relationship between the successful bidder and any other BACC agency.

#### **4.12 Termination for Cause**

In the event of a breach of any term or provision of the contract by the successful bidder, a BACC agency may terminate the contract with respect to supply of chemicals for that agency by providing the successful bidder with written notice of such termination, and specifying the effective date thereof, at least ten (10) days before the effective date. Termination of the contract by one BACC agency does not affect the contractual relationship between the successful bidder and any other BACC agency.

#### **4.13 Effect of Termination**

Any termination by a BACC agency, with or without cause, must not affect the validity of the contract between the successful bidder and any other BACC agency, nor must such action affect any rights, remedies, or obligations of the successful bidder or any other BACC agency.

#### **4.14 Assignment**

The successful bidder must under no circumstances assign the contract without the prior written consent of each participating BACC agency. Any assignment, or attempt at assignment, made without such consent of each participating BACC agency may be considered a breach of contract.

#### **4.15 Competitiveness and Integrity**

The participating BACC agencies have assigned control of the acquisition process to the BACC coordinating agency identified in the *Notice Inviting Sealed Bids* of this document, to prevent biased evaluations and to preserve the competitiveness and integrity of such acquisition efforts. Bidders are to direct all communications regarding this bid to the designated BACC Coordinator, unless otherwise specifically

noted, or unless approved in writing by the BACC Coordinator. Attempts by bidders to circumvent this requirement will be viewed negatively and may result in rejection of the offending bidder's offer. The BACC Coordinator may refer communications to other participating BACC agencies for clarification.

-END OF SECTION-

## **SECTION II**

**BAY AREA CHEMICAL CONSORTIUM  
PRODUCT TECHNICAL SPECIFICATIONS  
FOR BID NO. 01-2026  
ALUMINUM SULFATE**

**PRODUCT TECHNICAL SPECIFICATIONS**  
**ALUMINUM SULFATE 44% - 49% LIQUID**

1. The product shall be Liquid Aluminum Sulfate commercial grade, suitable for water treatment purposes.
2. The Liquid Aluminum Sulfate shall be 44% to 49% aluminum sulfate  $Al_2(SO_4)_3 \cdot 14H_2O$  in water. Liquid Aluminum Sulfate shall contain water-soluble aluminum of 3.99% to 4.45% as Al or 7.5% to 8.4% as  $Al_2O_3$  by weight.
3. Total water-soluble iron (ferric oxide  $Fe_2O_3$ ) shall not exceed 0.34% by weight.
4. Water-insoluble matter (measured as total suspended solids) shall not exceed 0.2% by weight. Liquid Aluminum Sulfate shall be free from contaminating substances that could interfere with normal operations through clogging or blockage of feed lines, valves, strainers, or measuring devices.
5. The Liquid Aluminum Sulfate shall be of such clarity as to permit the reading of flow-measuring devices without difficulty.
6. The Liquid Aluminum Sulfate supplied under this bid must conform to the American Water Works Association (AWWA) B-403 Standard for Aluminum Sulfate, the American National Standards Institute/National Sanitation Foundation Standard 60 (ANSI/NSF Standard 60) Drinking Water Treatment Chemicals, except as modified or supplemented herein. NSF 60 certification for the chemical works of origin for product and any transfer locations for product is required and must be provided at submission of bid. Bill of lading must clearly identify product delivered to be NSF 60 certified by stamp or type written statement – no handwritten notations will be accepted. Failure to provide clear identification of NSF 60 certified product will result in rejection of the load at no cost to the participating BACC Agency. It is the responsibility of the supplier to inform the BACC Agency that NSF certification has been revoked or lapsed within 24 hours of the time the supplier receives verbal or written notification. Loss of NSF certification shall constitute sufficient grounds for immediate termination of the contract.
7. The Liquid Aluminum Sulfate shall not contain any substances that can produce deleterious health effects when used in dosages standard to the potable water industry.
8. The Liquid Aluminum Sulfate shall not contain any substances that can cause water treated with this product to fail to meet Federal and State drinking water standards when used in dosages standard to the potable water industry.
9. The Liquid Aluminum Sulfate shall be clean and free of visible suspended matter.
10. The Liquid Aluminum Sulfate shall be free of biological contamination, resistant to biological growth, and shall not cause aquatic toxicity.

**PRODUCT TECHNICAL SPECIFICATIONS 2%  
ACIDIZED ALUMINUM SULFATE – LIQUID**

1. The product shall be Liquid Aluminum Sulfate commercial grade, suitable for water treatment purposes.
2. The 2% acidized Liquid Aluminum Sulfate shall be:  

Parameter Specification Range Aluminum  
as Al, % 3.9-4.0% Aluminum as Al<sub>2</sub>O<sub>3</sub> (%  
by wt) 7.4-8.0% Total H<sub>2</sub>SO<sub>4</sub> (% by wt)  
1.75-2.25% Specific Gravity @21°C (70F)  
1.29-1.31
3. Total water-soluble iron (ferric oxide Fe<sub>2</sub>O<sub>3</sub>) shall not exceed 0.34% by weight.
4. Water-insoluble matter (measured as total suspended solids) shall not exceed 0.2% by weight. Liquid Aluminum Sulfate shall be free from contaminating substances that could interfere with normal operations through clogging or blockage of feed lines, valves, strainers, or measuring devices.
5. The Liquid Aluminum Sulfate shall be of such clarity as to permit the reading of flow-measuring devices without difficulty.
6. The Liquid Aluminum Sulfate supplied under this bid must conform to the American Water Works Association (AWWA) B-403 Standard for Aluminum Sulfate, the American National Standards Institute/National Sanitation Foundation Standard 60 (ANSI/NSF Standard 60) Drinking Water Treatment Chemicals, except as modified or supplemented herein. NSF 60 certification for the chemical works of origin for product and any transfer locations for product is required and must be provided at submission of bid. Bill of lading must clearly identify product delivered to be NSF 60 certified by stamp or type written statement – no handwritten notations will be accepted. Failure to provide clear identification of NSF 60 certified product will result in rejection of the load at no cost to the participating BACC Agency. It is the responsibility of the supplier to inform the BACC Agency that NSF certification has been revoked or lapsed within 24 hours of the time the supplier receives verbal or written notification. Loss of NSF certification shall constitute sufficient grounds for immediate termination of the contract.
7. The Liquid Aluminum Sulfate shall not contain any substances that can produce deleterious health effects when used in dosages standard to the potable water industry.
8. The Liquid Aluminum Sulfate shall not contain any substances that can cause water treated with this product to fail to meet Federal and State drinking water standards when used in dosages standard to the potable water industry.
9. The Liquid Aluminum Sulfate shall be clean and free of visible suspended matter.
10. The Liquid Aluminum Sulfate shall be free of biological contamination, resistant to biological growth, and shall not cause aquatic toxicity.

**PRODUCT TECHNICAL SPECIFICATIONS**  
**5% ACIDIZED ALUMINUM SULFATE – LIQUID**

1. The product shall be Liquid Aluminum Sulfate commercial grade, suitable for water treatment purposes.
2. The 5% acidized Liquid Aluminum Sulfate shall be 39% to 41% aluminum sulfate  $Al_2(SO_4)_3 \cdot 14H_2O$  in water. 5% acidized Liquid Aluminum Sulfate shall contain water-soluble aluminum of not less than 3.5% as Al or 6.7 % as  $Al_2O_3$  by weight, and shall contain 4.5 to 5.5 % as  $H_2SO_4$  by weight.
3. Total water-soluble iron (ferric oxide  $Fe_2O_3$ ) shall not exceed 0.34% by weight.
4. Water-insoluble matter (measured as total suspended solids) shall not exceed 0.2% by weight. Liquid Aluminum Sulfate shall be free from contaminating substances that could interfere with normal operations through clogging or blockage of feed lines, valves, strainers, or measuring devices.
5. The Liquid Aluminum Sulfate shall be of such clarity as to permit the reading of flow-measuring devices without difficulty.
6. The Liquid Aluminum Sulfate supplied under this bid must conform to the American Water Works Association (AWWA) B-403 Standard for Aluminum Sulfate, the American National Standards Institute/National Sanitation Foundation Standard 60 (ANSI/NSF Standard 60) Drinking Water Treatment Chemicals, except as modified or supplemented herein. NSF 60 certification for the chemical works of origin for product and any transfer locations for product is required and must be provided at submission of bid. Bill of lading must clearly identify product delivered to be NSF 60 certified by stamp or type written statement – no handwritten notations will be accepted. Failure to provide clear identification of NSF 60 certified product will result in rejection of the load at no cost to the participating BACC Agency. It is the responsibility of the supplier to inform the BACC Agency that NSF certification has been revoked or lapsed within 24 hours of the time the supplier receives verbal or written notification. Loss of NSF certification shall constitute sufficient grounds for immediate termination of the contract.
7. The Liquid Aluminum Sulfate shall not contain any substances that can produce deleterious health effects when used in dosages standard to the potable water industry.
8. The Liquid Aluminum Sulfate shall not contain any substances that can cause water treated with this product to fail to meet Federal and State drinking water standards when used in dosages standard to the potable water industry.
9. The Liquid Aluminum Sulfate shall be clean and free of visible suspended matter.
10. The Liquid Aluminum Sulfate shall be free of biological contamination, resistant to biological growth, and shall not cause aquatic toxicity.

**SECTION III – 1**

**BAY AREA CHEMICAL CONSORTIUM  
ESTIMATED ANNUAL QUANTITIES  
FOR BID NO. 01-2026  
ALUMINUM SULFATE**

**BAY AREA CHEMICAL CONSORTIUM**  
**ESTIMATED ANNUAL QUANTITIES FOR FISCAL YEAR 2026/2027**  
**BID NO. 01-2026**

	Unit of Measure	Estimated Annual Qty for Treatment Applications:	
		Water	Wastewater
<b>Aluminum Sulfate 2% Acidized (OPTIONAL BID ITEM)</b>	<b>gal</b>	<b>450,000</b>	<b>0</b>
<b><u>South Bay</u></b>			
Valley Water (Santa Clara Valley Water District)	gal	450,000	0
		<b>450,000</b>	<b>0</b>
<b>Aluminum Sulfate 44%-49% Liquid Solution</b>	<b>gal</b>	<b>3,883,000</b>	<b>2,042,600</b>
<b><u>Central Valley</u></b>			
Stanislaus Regional Water Authority	gal	115,000	0
		<b>115,000</b>	<b>0</b>
<b><u>East Bay</u></b>			
Alameda County Water District	gal	70,000	0
		<b>70,000</b>	<b>0</b>
<b><u>North Bay</u></b>			
Central Contra Costa Sanitary District	gal	0	50,000
City of Antioch	gal	530,000	0
City of Martinez	gal	150,000	0
City of Pittsburg	gal	125,000	0
Delta Diablo Sanitation District	gal	0	337,000
Ironhouse	gal	0	10,000
		<b>805,000</b>	<b>397,000</b>
<b><u>Sacramento</u></b>			
City of Roseville	gal	200,000	0
City of Sacramento	gal	800,000	0
City of Yuba City	gal	200,000	0
Nevada Irrigation District	gal	140,000	0
Rancho Murieta Community Services District	gal	27,000	36,000
		<b>1,367,000</b>	<b>36,000</b>
<b><u>South Bay</u></b>			
City of Sunnyvale	gal	0	530,000
City of Watsonville	gal	0	200,000
Pajaro Valley Water Management Agency	gal	26,000	0
San Jose - Santa Clara Regional Wastewater Facility	gal	0	20,000
Valley Water (Santa Clara Valley Water District)	gal	1,500,000	0
		<b>1,526,000</b>	<b>750,000</b>

ESTIMATED ANNUAL QUANTITIES FOR FISCAL YEAR 2026/2027

BID NO. 01-2026

	Unit of Measure	Estimated Annual Qty for Treatment Applications:	
		Water	Wastewater
<b><u>Tri Valley</u></b>			
Dublin San Ramon Services District	gal	0	270,000
Zone 7 Water Agency	gal	0	589,600
		<b>0</b>	<b>859,600</b>
<b>Aluminum Sulfate 5% Acidized (OPTIONAL BID ITEM)</b>	<b>gal</b>	<b>1,500,000</b>	<b>0</b>
<b><u>South Bay</u></b>			
Valley Water (Santa Clara Valley Water District)	gal	1,500,000	0
		<b>1,500,000</b>	<b>0</b>

## **SECTION III – 2**

**BAY AREA CHEMICAL CONSORTIUM  
DELIVERY DETAILS  
FOR BID NO. 01-2026  
ALUMINUM SULFATE**

**BAY AREA CHEMICAL CONSORTIUM  
DELIVERY DETAILS  
BID NO. 01-2026  
ALUMINUM SULFATE**

*The frequency of deliveries and typical delivery size are estimates of anticipated usage for a 12-month period and are given for informational purposes only and are not used in any calculations to determine the lowest overall bid (Section I, Paragraph 2.16 Method of Award).*

<u>Per Region, Agency and Delivery Facility Name and Location</u>	<u>Frequency of Deliveries</u>	<u>Typical Delivery Size</u>
<b><u>CENTRAL VALLEY</u></b>		
<b>Stanislaus Regional Water Authority</b>		
Stanislaus Regional Water Authority Water Treatment Plant	1235 Aldrich Rd. Hughson, CA	Every 2 weeks
		4,500-5,000 gallons
<b><u>EAST BAY</u></b>		
<b>Alameda County Water District</b>		
Water Treatment Plant No. 2	42436 Mission Blvd. Fremont	4-6x per month for 3-4 months per year
		4,000 gallons
<b><u>NORTH BAY</u></b>		
<b>Central Contra Costa Sanitary District</b>		
CCCSD	5019 Imhoff Place Martinez	1 load every 5 weeks
		4,000 - 5,000 gallons
<b>City of Antioch</b>		
City of Antioch Water Treatment Plant	401 Putnam Street Antioch	weekly
		4,200 gallons
<b>City of Martinez</b>		
City of Martinez Water Treatment Plant	3003 Pacheco Blvd Martinez	2x per month
		4,500 gallons
<b>City of Pittsburg</b>		
Pittsburg Water Treatment Plant	300 Olympia Drive Pittsburg	2x a month
		Full truck load 50,000 lbs
<b>Delta Diablo Sanitation District</b>		
Delta Diablo	2500 Pittsburg-Antioch Hwy	1-2x per week
		Full Load 4,600 gallons
<b>Ironhouse</b>		
Ironhouse	450 Walnut Meadows Dr Oakley	2 X full loads in winter months
		4,600 gallons
<b><u>SACRAMENTO</u></b>		
<b>City of Roseville</b>		
Roseville Water Treatment Plant	9595 Barton Road Granite Bay 95746	40 per year; 2 per wk in summer; 1-2 per month in winter
		5,000 gallons

**BAY AREA CHEMICAL CONSORTIUM  
DELIVERY DETAILS  
BID NO. 01-2026  
ALUMINUM SULFATE**

*The frequency of deliveries and typical delivery size are estimates of anticipated usage for a 12-month period and are given for informational purposes only and are not used in any calculations to determine the lowest overall bid (Section I, Paragraph 2.16 Method of Award).*

<u>Per Region, Agency and Delivery Facility Name and Location</u>			<u>Frequency of Deliveries</u>	<u>Typical Delivery Size</u>
<b>City of Sacramento</b>				
E.A. Fairbairn Water Treatment Plant	7501 College Town Drive	Sacramento	Need is storm dependent (weekly when required)	4,500 gallons
Sacramento River Water Treatment Plant	301 Water Street	Sacramento	Need is storm dependent (weekly when required)	4,500 gallons
<b>City of Yuba City</b>				
Water Treatment Plant	701 Northgate Drive	Yuba City	Weekly	4,000 gallons
<b>Nevada Irrigation District</b>				
E. George Water Treatment Plant	11258 Banner Lava Cap Rd	Nevada City	8 load per year	4,800 gallons
Lake of the Pines Water Treatment Plant	12812 Torrey Pines Drive	Auburn	4 loads per year	4,800 gallons
Lake Wildwood Water Treatment Plant	14149 Beitler Road	Penn Valley	5 loads per year. Driver must contact plant for escort.	4,800 gallons
Loma Rica Water Treatment Plant	13786 Loma Rica Drive	Grass Valley	5 loads per year. Driver must contact plant for escort.	4,800 gallons
North Auburn Water Treatment Plant	12278 Locksley Lane	Auburn	7 loads per year	4,800 gallons
<b>Rancho Murieta Community Services District</b>				
Wastewater Reclamation Plant	15160 Jackson Road	Rancho Murieta	2 times a month during April - Nov.	4,500 gallons
Water Treatment Plant	6237 Camino Del Lago	Rancho Murieta	Monthly	4,500 gallons
<b><u>SOUTH BAY</u></b>				
<b>City of Sunnyvale</b>				
City of Sunnyvale Water Pollution Control Plant	1444 Borregas Avenue	Sunnyvale	3 times per week	4200 gallons
<b>City of Watsonville</b>				
	500 Clearwater Lane	Watsonville	2x per week in May-Sept; 1x per week the rest of the year	Full truck load
<b>Pajaro Valley Water Management Agency</b>				
Pajaro Valley Water Management Agency College Lake WTP	76 Holohan, Gate 2	Watsonville, CA 95076	monthly	4,500 gallons

**BAY AREA CHEMICAL CONSORTIUM  
DELIVERY DETAILS  
BID NO. 01-2026  
ALUMINUM SULFATE**

*The frequency of deliveries and typical delivery size are estimates of anticipated usage for a 12-month period and are given for informational purposes only and are not used in any calculations to determine the lowest overall bid (Section I, Paragraph 2.16 Method of Award).*

<u>Per Region, Agency and Delivery Facility Name and Location</u>			<u>Frequency of Deliveries</u>	<u>Typical Delivery Size</u>
<b>San Jose - Santa Clara Regional Wastewater Facility</b>				
San Jose Regional Wastewater Facility	700 Los Esteros Rd	San Jose	1 every 2 weeks	4500 gallons / full tanker
<b>Valley Water (Santa Clara Valley Water District)</b>				
Penitencia Water Treatment Plant	3959 Whitman Way	San Jose	+/- 8x per month	4,000 gallons
Rinconada Water Treatment Plant	400 More Avenue	Los Gatos	+/- 10x per month	4,000 gallons
Santa Teresa Water Treatment Plant	7011 Graystone Lane	San Jose	+/- 10x per month	4,500 gallons
<b><u>TRI VALLEY</u></b>				
<b>Dublin San Ramon Services District</b>				
FSL Alum Facility	7176 Johnson Dr	Pleasanton	ave 16 loads/year ave every 3 weeks	4,000 gals
Water Recycling Plant (DERWA)	7399 Johnson Drive	Pleasanton	ave 50 loads/year; ave 6x/mo Apr-Oct ave 3x/mo Nov/Dec	4,000 gallons
<b>Zone 7 Water Agency</b>				
Del Valle Water Treatment Plant	901 E. Vineyard Ave	Livermore	80 per year	4400 gallons
Patterson Pass Water Treatment Plant	8750 Patterson Pass Rd	Livermore	54 per year	4400 gallons

**SECTION III – 3**

**BAY AREA CHEMICAL CONSORTIUM  
PARTICIPATING MEMBER AGENCY CONTACT LIST  
FOR BID NO. 01-2026  
ALUMINUM SULFATE**

**BAY AREA CHEMICAL CONSORTIUM  
PARTICIPATING MEMBER AGENCY CONTACT LIST  
BID NO. 01-2026  
ALUMINUM SULFATE**

**Central Valley**

**STANISLAUS REGIONAL WATER AUTHORITY**

1235 Aldrich Rd. Hughson, CA 95326

Janice Virgo SRWA Staff Services Assistant	jvirgo@turlock.ca.us	(209)542-4948
Salena Estrada	sestrada@turlock.ca.us	
Michael Powell	mpowell@turlock.ca.us	

**East Bay**

**ALAMEDA COUNTY WATER DISTRICT**

43885 South Grimmer Blvd Fremont, CA 94538

Mike Wickham Water Production Manager	mike.wickham@acwd.com	510-668-6516
Cris Pena Engineering Supervisor	Cris.Pena@acwd.com	510-668-6541
Renee Gonzalez Buyer	renee.gonzalez@acwd.com	510-668-4294
Cynthia Ha Water Production Process Engineer	Cynthia.ha.@acwd.com	510-668-6547

**North Bay**

**CENTRAL CONTRA COSTA SANITARY DISTRICT**

5019 Imhoff Place Martinez, CA 94553-4392

Alan Weer Plant Operations Division Manager	aweer@centralsan.org	925-335-7731
Stephanie King Contracts & Procurement Administrator	sking@centralsan.org	925-229-7307
Amy Compaglia Senior Buyer	acompaglia@centralsan.org	925-229-7306
Kevin Mizuno Finance Manager	kmizuno@centralsan.org	925-229-7119

**CITY OF ANTIOCH**

Water Treatment Plant P.O. Box 5007 Antioch, CA 94531-5007

Santiago Moreno	smoreno@antiochca.gov	
Operator on Duty		925-382-4246
Marcus Woodland	Mwoodland@antiochca.gov	925-779-7029

**CITY OF MARTINEZ**

525 Henrietta Street Martinez, CA 94553

Hiren Patel Water Operations Supervisor	hpatel@cityofmartinez.org	925-372-3588
George Pavlov Water Superintendent	gpavlov@cityofmartinez.org	925-372-3587

**BAY AREA CHEMICAL CONSORTIUM  
PARTICIPATING MEMBER AGENCY CONTACT LIST  
BID NO. 01-2026  
ALUMINUM SULFATE**

**CITY OF PITTSBURG**

Water Treatment Plant 300 Olympia Drive Pittsburg, CA 94565

Mike Silva	Water Plant Supervisor	Msilva@pittsburgca.gov	925 252-6934
Jason Moser	Water Treatment Plant Superintendent	jmoser@pittsburgca.gov	925-252-6997

**DELTA DIABLO SANITATION DISTRICT**

2500 Pittsburg-Antioch Hwy. Antioch, CA 94509-1373

Joaquin Gonzalez	Operations Manager	joaquin@deltadiablo.org	925-756-1971
Jeffrey Beckham	Purchasing Supervisor	jeffreyb@deltadiablo.org	925-756-1328
Anika Lyons	Finance Manager	anikal@deltadiablo.org	925-756-1924

**IRONHOUSE**

450 Walnut Meadows Drive Oakley, CA 94561

Jean-Marc H. Petit	General Manager	Petit@isd.us.com	925-809-3001
Mike Allen	WRF Superintendent	allen@isd.us.com	(925)-625-2279
John DeFremery	WRF Supervisor	defremery@isd.us.com	(925) 848-0512
Lettisha Wamsley	Administrative Technician – Purchasing	Wamsley@isd.us.com	(925) 809-3014

**Sacramento**

**CITY OF ROSEVILLE**

311 Vernon Street Roseville, CA 95678

Shannon Wiest	Purchasing and Warehouse Manager	swiest@roseville.ca.us	916-746-1112
Becky Philipp	Purchasing Supervisor	bphilipp@roseville.ca.us	916-746-1110

**CITY OF SACRAMENTO**

Department of Utilities 5730 24th Street, Bldg 22 Sacramento, CA 95822

David Herrmann	Division Manager, Water Division	dherrmann@cityofsacramento.org	916-808-5652
Dalton Le	Program Specialist, Water Division	DML@cityofsacramento.org	916-808-6008
Andrew Costan	Program Specialist	acostan@cityofsacramento.org	916-808-6339

**BAY AREA CHEMICAL CONSORTIUM  
PARTICIPATING MEMBER AGENCY CONTACT LIST  
BID NO. 01-2026  
ALUMINUM SULFATE**

**CITY OF YUBA CITY**

Utilities Department 701 Northgate Drive Yuba City, CA 95991

Kaylashia Byrd	Finance Administrative Analyst	kbyrd@yubacity.net	530-822-4659
Mylaina McMurray	Utilities Administrative Analyst	mmcmurray@yubacity.net	530-822-5365
Joseph Jones	Finance Accounting Manager	jjones@yubacity.net	530-822-4803
Jennifer Troche	Utilities Administrative Assistant	utilitiesadmin@yubacity.net	530-822-7571
Christian Elder	Water Treatment Plant Supervisor	celder@yubacity.net	530-822-4759
Finance Department	Purchasing Team	purchasing@yubacity.net	530-822-4618
Veronica Kemmerly	Accountant I	vkemmerly@yubacity.net	530-822-4646
Mike Finnigan	Wastewater Treatment Facility Supervisor	mfinniga@yubacity.net	530-822-7696
Scarlett Harris	Utilities Administrative Manager	sharris@yubacity.net	530-822-5366
Lance Andes	Water Treatment Chief Plant Operator	landes@yubacity.net	530-822-4637
David Newgard	Wastewater Treatment Facility Chief Plant Operator	dnewgard@yubacity.net	530-822-7698

**NEVADA IRRIGATION DISTRICT**

1036 W. Main Street Grass Valley, CA 95945

Jon Ritter	Purchasing Supervisor	ritterj@nidwater.com	530-271-6894
Shad Chittock	Water Treatment Superintendent	chittocks@nidwater.com	530-271-6899
Coby McCoy	Water Treatment Supervisor	mccoyc@nidwater.com	530 913-9710
Delivery Dispatcher			(530) 273-6185, option 2 for Customer Service.

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT**

15160 Jackson Road Rancho Murieta, CA 95683

Travis Bohannon	Chief Plant Operator	tbohannon@rmcsd.com	916-870-5368
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**BAY AREA CHEMICAL CONSORTIUM  
PARTICIPATING MEMBER AGENCY CONTACT LIST  
BID NO. 01-2026  
ALUMINUM SULFATE**

**South Bay**

**CITY OF SUNNYVALE**

Water Pollution Control Plant 1444 Borregas Avenue Sunnyvale, CA 94088-3707

Ryan Smith	WWTP Operations Manager	RASmith@sunnyvale.ca.gov	408-730-7716
Julie Callaghan	Admin Aide	jcallaghan@sunnyvale.ca.gov	408-730-7719
Rohan Wikramanayake	Division Manager	RWikramanayake@sunnyvale.ca.gov	408-730-7788
Lisa Vo	Purchasing	lvo@sunnyvale.ca.gov	408-730- 7608

**CITY OF WATSONVILLE**

500 Clearwater Lane Watsonville, CA 95076

Beau Kayser	Water Division Manager	beau.kayser@watsonville.gov	831-768-3193
Ruben Tellez	Interm Wastewater Division Manager	ruben.tellez@watsonville.gov	
Alfonso Castaneda	Operations Supervisor	alfonso.castaneda@watsonville.gov	

**PAJARO VALLEY WATER MANAGEMENT AGENCY**

36 Brennan St Watsonville, CA 95076

Shinehah Bigham	Operations & Maintenance Manager	bigham@pvwater.org	(831)254-0549
Brian Lockwood	General Manager	lockwood@pvwater.org	(831)722-9292
Ruben Garcia	Water System Operator	rgarcia@pvwater.org	(831)706-0282

**SAN JOSE - SANTA CLARA REGIONAL WASTEWATER FACILITY**

700 Los Esteros Road San Jose, CA 95134

Justin Sabla	Wastewater Ops Superintendent	Justin.Sabla@sanjoseca.gov	(408) 793-5375
Bryan Berdeen	Chief Plant Operator	Bryan.Berdeen@sanjoseca.gov	(408) 635-2058
Mark Nicholl	Wastewater Ops Superintendent	Mark.Nicholl@sanjoseca.gov	408-635-6635
Alex Rodriguez	Division Manager of Wastewater Ops	alex.rodriguez@sanjoseca.gov	(408) 635-2087

**BAY AREA CHEMICAL CONSORTIUM  
PARTICIPATING MEMBER AGENCY CONTACT LIST  
BID NO. 01-2026  
ALUMINUM SULFATE**

**VALLEY WATER (SANTA CLARA VALLEY WATER DISTRICT)**

5750 Almaden Expressway San Jose, CA 95118

Zachary DeVine	Supervising Program Administrator	ZDevine@valleywater.org	408-630-2495
Lotina Nishijima	South Water Treatment Manager	LNishijima@valleywater.org	408-630-2795
Lei Hong	North Water Treatment Manager	LHong@valleywater.org	408-630-2761
Kelly Grabeel	Procurement Specialist	KGrabeel@valleywater.org	408-630-2397
Hortencia Gonzalez-Palencia	Senior Management Analyst	hgonzalez@valleywater.org	408-630-2489

**Tri Valley**

**DUBLIN SAN RAMON SERVICES DISTRICT**

Regional Wastewater Treatment Facility 7399 Johnson Drive Pleasanton, CA 94588

Corinne Ferreyra	Senior Management Analyst	ferreyra@dsrsd.com	925-875-2298
Danny Ward	Water/Wastewater Systems Superintendent	dward@dsrsd.com	925-875-2371
Tim Lewis	WWTP Operations Superintendent	tlewis@dsrsd.com	925-875-2300

**ZONE 7 WATER AGENCY**

100 North Canyons Parkway Livermore, CA 94551

Zeljka Bozic	Buyer I	zbozic@zone7water.com	925 454 5029
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## **SECTION IV**

**BAY AREA CHEMICAL CONSORTIUM  
BID CONTRACT DOCUMENTS  
FOR BID NO. 01-2026  
ALUMINUM SULFATE**

**\*\*\* All of the following pages must be properly competed and submitted  
for the bid to be considered complete. \*\*\***

**BAY AREA CHEMICAL CONSORTIUM  
STANDARD AGREEMENT, PAGE 1 OF 2  
BID NO.01-2026  
SUPPLY AND DELIVERY OF ALUMINUM SULFATE**

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

Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, ZIP: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Authorized Representative: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

**WE ACKNOWLEDGE RECEIVING ADDENDUM/ADDENDA NUMBER \_\_\_\_\_ THROUGH \_\_\_\_\_.**

**SPECIFIC DEVIATIONS:**

This box must be checked if bidder has any proposed specific deviations. Per Section 2.12 Proposed Deviations from the Specifications by the Bidder, the absence of a proposed change in the specifications will hold the bidder strictly accountable to the specifications as described in the bid document, including any addendum.

Describe the specific deviations below. A copy of the proposed specifications must be attached to this Standard Agreement at the time of submission, with bidder's name clearly shown on each document.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Description of Emergency Supply Plan:** Provide a summary of vendor's plans to continue to supply product in the event of an unexpected disaster or urgent emergency event.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**STANDARD AGREEMENT, PAGE 2 OF 2**

**BIDDER INFORMATION**

1. Legal Name of Bidder:

\_\_\_\_\_

2. Bidder's Street Address:

\_\_\_\_\_

3. Mailing Address:

\_\_\_\_\_

4. Business Telephone: \_\_\_\_\_ Fax Number: \_\_\_\_\_

5. Type of Supplier:

Sole Proprietor                       Partnership                       Corporation                       LLC

If Corporation, indicate State where incorporated: \_\_\_\_\_

6. Business License Number issued by the City where the Supplier's principal place of business is located.

Number: \_\_\_\_\_ Issuing City: \_\_\_\_\_

7. Supplier Federal Tax Identification Number: \_\_\_\_\_

8. Emergency Contact: Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

9. Order Contact: Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Email: \_\_\_\_\_

10. References:

<u>Company/Agency Name</u>	<u>Contact Name</u>	<u>Phone Number</u>
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1) _____	_____	_____
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2) _____	_____	_____
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3) _____	_____	_____
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11. Chemical Manufacturer's name and address (if different from Bidder):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

State of California )  
 ) ss.  
County of \_\_\_\_\_ )

\_\_\_\_\_, being first duly sworn, deposes and says that he or she is the  
(Bidder's Authorized Representative)

\_\_\_\_\_ of \_\_\_\_\_ the party making the  
(Title of Representative) (Legal Name of Bidder)

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

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

\_\_\_\_\_  
Signature of: President, Secretary,  
Manager, Owner, or Representative

Subscribed and sworn to before me this, \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_

\_\_\_\_\_  
Signature of Notary Public In and For

The County of \_\_\_\_\_,

State of \_\_\_\_\_

**All Signatures Must Be Witnessed By Notary**

**BAY AREA CHEMICAL CONSORTIUM  
BID FORM FOR BID NO.01-2026  
FOR SUPPLY AND DELIVERY OF ALUMINUM SULFATE**

Sealed bids must be submitted in a PDF format and bidders must enter bid prices into the electronic bid platform (Line Item page)

<https://bacwa.org/about-bacc/>

No later than 4:00 PM. PT  
Thursday, February 19, 2026

Legal Name of Bidder:

\_\_\_\_\_

Business Address

\_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Facsimile Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Authorized Representative (Please Print):

\_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**I. All costs except California State sales tax and tariffs for the purchase of ALUMINUM SULFATE must be included in the amount shown entered into the electronic bid platform (Line Item page), including any and all mill assessments, fees, excise taxes, transportation charges, etc. Any exceptions to the bid must be noted under Specific Deviations on the Standard Agreement. Bidders shall submit bids per unit of measure as specified in the electronic bid platform (Line Item page).**

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

- a.** All requirements listed in Section 2.21 Manufacturer's Info.
- b.** If applicable, the name, address, and contact information for the third party hauling company as well as an affidavit signed by the Bidder that the third party hauler can and will deliver the chemical to each and every participating BACC Agency.

**III. Bidder Obligations**

By signing this Bid Form and entering into individual purchase orders, purchase agreements and /or contracts with BACC agencies, the bidder expressly agrees to be bound by all the provisions of the bid solicitation, including Sections I-IV.

**BAY AREA CHEMICAL CONSORTIUM**  
**Worksheet**  
**BID NO. 01-2026**  
**ALUMINUM SULFATE**

*Refer to paragraph 2.4 Bid Pricing for full details.*

*Bidders shall submit bids in US\$ per unit of measure indicated on this bid form, FOB Destination.*

*Bid prices shall be based on bulk deliveries of 2,000 gallons or more. Bidders must submit their Bid Prices via electronic bid platform - Line Items section. Do not submit Worksheet.*

	Unit of Measure	Bid Price per Unit of Measure
<b>Aluminum Sulfate 2% Acidized (OPTIONAL BID ITEM)</b>		
<u>South Bay</u> Valley Water (Santa Clara Valley Water District)	gal	\$
<b>Aluminum Sulfate 44%-49% Liquid Solution</b>		
<u>Central Valley</u> Stanislaus Regional Water Authority	gal	\$
<u>East Bay</u> Alameda County Water District	gal	\$
<u>North Bay</u> Central Contra Costa Sanitary District City of Antioch City of Martinez City of Pittsburg Delta Diablo Sanitation District Ironhouse	gal	\$
<u>Sacramento</u> City of Roseville City of Sacramento City of Yuba City Nevada Irrigation District Rancho Murieta Community Services District	gal	\$
<u>South Bay</u> City of Sunnyvale City of Watsonville Pajaro Valley Water Management Agency San Jose - Santa Clara Regional Wastewater Facility Valley Water (Santa Clara Valley Water District)	gal	\$
<u>Tri Valley</u> Dublin San Ramon Services District Zone 7 Water Agency	gal	\$

**DO NOT SUBMIT WORKSHEET  
ENTER BID PRICES VIA ELECTRONIC BID PLATFORM**

**BAY AREA CHEMICAL CONSORTIUM**  
**Worksheet**  
**BID NO. 01-2026**  
**ALUMINUM SULFATE**

*Refer to paragraph 2.4 Bid Pricing for full details.*

*Bidders shall submit bids in US\$ per unit of measure indicated on this bid form, FOB Destination.*

*Bid prices shall be based on bulk deliveries of 2,000 gallons or more. Bidders must submit their Bid Prices via electronic bid platform - Line Items section. Do not submit Worksheet.*

	Unit of Measure	Bid Price per Unit of Measure
<b>Aluminum Sulfate 5% Acidized (OPTIONAL BID ITEM)</b>		
<u>South Bay</u>	gal	\$
Valley Water (Santa Clara Valley Water District)		

**DO NOT SUBMIT WORKSHEET  
ENTER BID PRICES VIA ELECTRONIC BID PLATFORM**