

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO ✓

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____ %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 6/30/16

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

As ordered

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

NA

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Premier Chemicals + Services

ADDRESS: 4856 Revere Ave. BR, LA. 70808

CITY, STATE: Baton Rouge, LA. ZIP: 70808

TELEPHONE: (225) 926-0059 FAX: (225) 926-0414

EMAIL ADDRESS: francis@premierchemicals.net

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 67,750.00

AUTHORIZED SIGNATURE: [Signature]

Francis Mayor

Printed Name

TITLE: General Manager

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

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

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00113475

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			<p>TWO YEAR CONTRACT FOR THE SUPPLY OF LIQUID CAUSTIC SODA</p> <p>Two year contract for a supply of Liquid Caustic Soda (50 percent by weight and 25 percent by weight) in bulk deliveries for the Jefferson Parish Department of Sewerage.</p>		
1	10,000.00	GL	0010 Liquid Caustic Soda 50 Percent - Water-white solution containing 50 percent of sodium hydroxide by weight.	\$ 1.25	\$ 12,500.00
2	85,000.00	GL	<p>0020 Liquid Caustic Soda 25 Percent - Clear solution containing 25 percent of sodium hydroxide by weight.</p> <p>WasteWater - EB 2 Humane Way Jefferson , LA 70123</p> <p>Sewerage Office - WB 1440 River Park Rd Bridge City , LA 70094</p>	\$.65	\$ 55,250.00

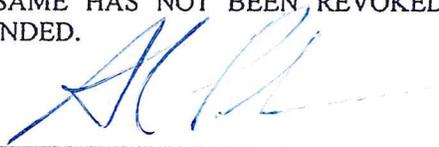
CORPORATE RESOLUTION

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

AT THE MEETING OF DIRECTORS OF Premier Chemicals & Services, LLC
INCORPORATED, DULY NOTICED AND HELD ON March 24, 2015,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

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

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



SECRETARY-TREASURER

6/12/15

DATE

Non-Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF East Baton Rouge

BEFORE ME, the undersigned authority, personally came and appeared: Francis Mayer, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized General Manager of Premier Chemical Services, LLC (Entity), the party who submitted a bid in response to Bid Number _____, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

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

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

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

Debt Disclosures

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

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

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

Affiant further said:

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

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

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

Francis Mayer
Signature of Affiant

Francis Mayer
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

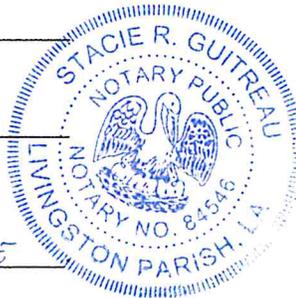
ON THE 15 DAY OF JUNE, 2015.

Stacie R. Guitreau
Notary Public

STACIE R. GUITREAU
Printed Name of Notary

84546
Notary/Bar Roll Number

My commission expires FOR LIFE



Notary Search - Detail

Name: MS. STACIE R. GUITREAU
Address: 8183 W. EL CAJON
BATON ROUGE, LA 70815

Phone: (225) 927-8921
Phone 2: (225) 241-8596

Notary ID Number: 84546
Parish: LIVINGSTON with STATEWIDE JURISDICTION
Agency: N/A
Notary Type: Non Attorney
Status: Active

Commission Date: 02/01/2007
Oath Date: 02/01/2007
Surety Expiration Date: 02/01/2017
Annual Report Current: Yes

[Back to Search Results](#) [New Search](#)

166996

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

Request for Taxpayer Identification Number and Certification

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

Name (as shown on your income tax return)
PREMIER CHEMICALS & SERVICES, LLC

Business name, if different from above

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

Address (number, street, and apt. or suite no.)
4856 REVERE AVENUE SUITE A

City, state, and ZIP code
BATON ROUGE, LA 70808

Requestor's name and address (optional)

List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

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

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

Social security number

OR

Employer identification number
-72 1480259

Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here Signature of U.S. person *Sperry Miller* Date *10-22-10*

General Instructions

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

Purpose of Form

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

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

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

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

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

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

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

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

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



CERTIFICATE OF LIABILITY INSURANCE

PREMI-5 OP ID: JL

DATE (MMDD/YYYY)
05/05/2016

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

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

PRODUCER Tyner Jeter Insurance Agency 5139 Bluebonnet Blvd Baton Rouge, LA 70809 Thomas C. Jeter Jr.		CONTACT NAME: Thomas C. Jeter Jr. PHONE (A/C No, Ext): 225-227-2800 FAX (A/C, No): 225-372-2078 E-MAIL ADDRESS: tjeter@tynerjeterinsurance.com															
INSURED Premier Chemicals & Services 4856 Revere Ave Ste A Baton Rouge, LA 70808		<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : LWCC</td> <td>22350</td> </tr> <tr> <td>INSURER B : Allied World Assurance Co</td> <td>19489</td> </tr> <tr> <td>INSURER C : Houston Casualty Co</td> <td>42374</td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : LWCC	22350	INSURER B : Allied World Assurance Co	19489	INSURER C : Houston Casualty Co	42374	INSURER D :		INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #																
INSURER A : LWCC	22350																
INSURER B : Allied World Assurance Co	19489																
INSURER C : Houston Casualty Co	42374																
INSURER D :																	
INSURER E :																	
INSURER F :																	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MMDD/YYYY)	POLICY EXP (MMDD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EBL, pollution GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER		0309-2872	11/05/2014	11/05/2015	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Emp Ben. \$ 1,000,000
C	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		HSLR18-04566-00	05/01/2015	05/01/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		0309-2873	11/05/2014	11/05/2015	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	104684A	03/01/2015	03/01/2016	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
BID 66-13870

CERTIFICATE HOLDER JEFFERS Jefferson Parish Purchasing Dept. General Government Bldg. 200 Derbigny St., Ste 4400 Gretna, LA 70053	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--

© 1988-2014 ACORD CORPORATION. All rights reserved.

DATE: 6/03/2015

Page: 5

BID NO.: 50-00113475

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES X NO _____

MAXIMUM ESCALATION PERCENTAGE REQUESTED 5 %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 9/18/2015 (90 Days)

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

 1 - 2 days

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

 N/A

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Chemrite, Inc.

ADDRESS: 5202 Belle Wood Court, Suite 104

CITY, STATE: Buford, GA ZIP: 30518

TELEPHONE: (770) 271-5576 FAX: (770) 271-4068

EMAIL ADDRESS: sales@chemrite.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

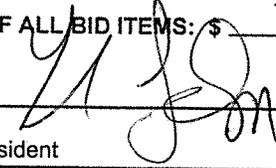
Acknowledge Receipt of Addenda: NUMBER: NONE

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 111,698.50

AUTHORIZED SIGNATURE: 

 Frank J. Opp

Printed Name

TITLE: President

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

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

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00113475

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	10,000.00	GL	<p>TWO YEAR CONTRACT FOR THE SUPPLY OF LIQUID CAUSTIC SODA</p> <p>Two year contract for a supply of Liquid Caustic Soda (50 percent by weight and 25 percent by weight) in bulk deliveries for the Jefferson Parish Department of Sewerage.</p> <p>0010 Liquid Caustic Soda 50 Percent - Water-white solution containing 50 percent of sodium hydroxide by weight.</p>	\$2.3443/ gal.	\$23,443
2	85,000.00	GL	<p>0020 Liquid Caustic Soda 25 Percent - Clear solution containing 25 percent of sodium hydroxide by weight.</p> <p>WasteWater - EB 2 Humane Way Jefferson , LA 70123</p> <p>Sewerage Office - WB 1440 River Park Rd Bridge City , LA 70094</p>	\$1.0383 / gal.	\$88,255.50

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Chemrite

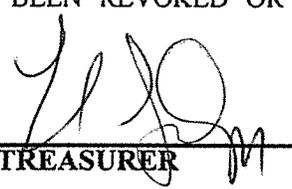
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Chemrite, Inc.
INCORPORATED, DULY NOTICED AND HELD ON June 16, 2015,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

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

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

Frank J. Opp



SECRETARY-TREASURER

6/16/2015

DATE

Non-Public Works Bid

AFFIDAVIT

STATE OF Georgia

PARISH/COUNTY OF Hall

BEFORE ME, the undersigned authority, personally came and appeared: Frank J. Opp, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized President of Chemrite, Inc. (Entity), the party who submitted a bid in response to Bid Number 50-00113475, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

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

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

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

Debt Disclosures

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

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

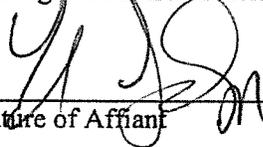
Choice B X There are NO debts which would require disclosure under Choice A of this section.

Affiant further said:

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

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

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



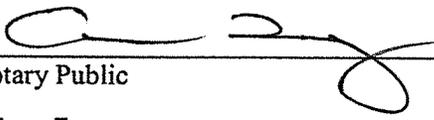
Signature of Affiant

Frank J. Opp

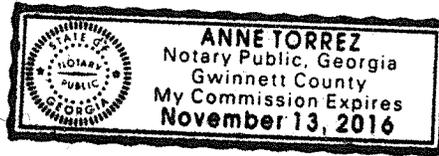
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 11 DAY OF June, 2015.



Notary Public
Anne Torrez



Printed Name of Notary

W-00156661

Notary/Bar Roll Number

My commission expires November 13, 2016.

HARLAND CLARKE

800-552-2902

M16779 30477780

THIS DOCUMENT CONTAINS A TRUE WATERMARK. HOLD TO LIGHT TO VIEW.



OFFICIAL CHECK

M16779 30477780

5006657790

ISSUING BRANCH 419106 - GAINESVILLE - LANIER ISL P

PAY TO THE ORDER OF JEFFERSON PARISH FOR BID BOND

DATE JUNE 17, 2015

68-236/514

BB&T 5,584,93

\$ ** \$5,584.93 **

DOLLARS

Harland Clarke
AUTHORIZED SIGNATURE

MEMO/PURCHASE FEE: DEP / CHERRITE, INC

⑈ 5006657790⑈ ⑆ 051402369⑆ 0001019010097⑈

Security Features Included. Details on Back.

Univar USA Inc.
8201 S. 212th
Kent, WA 98032-1994
USA

T 253-872-5000
F 253-572-5041
www.univarusa.com



June 18, 2015

Jefferson Parish
Purchasing Department
200 Derbigny Street, \$4400
Gretna, LA 70053

RE: Invitation to Bid – Bid No. 50-00113475 – Caustic Soda

To Whom It May Concern:

Univar USA Inc. is pleased to offer a price quote on your ITB due Wednesday, Thursday, June 18, 2015 and has done so on the attached required paperwork.

Our contact information for all things bid and contract related, as well as the information for your local branch, is also attached.

We look forward to hearing the results of your request – we have included a self-addressed, stamped envelope for the bid tabulations.

Thank you,

Michelle Wick

Municipal Specialist
Univar USA Inc.
muniteam@univarusa.com
www.univar.com

Please Note: Seller shall indemnify Buyer for losses to the extent caused by Seller's negligence or breach of contract. Neither party is liable for incidental or consequential damages. Seller's liability is limited to the purchase price of the goods. SELLER MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Please Note: Where applicable, any State, Federal or other appropriate taxes and/or the California Mill Assessment will appear as separate line items on any invoices from Univar. If Univar's offer (pricing) was inclusive of these charges – they will be backed out of the "product" line item and shown as their own line item(s) at the time of billing.

Univar USA Inc.
34200 Distribution Lane
Geismar, LA 70734

T 225-473-1100
F 225-473-4442

www.univarusa.com



GENERAL INFORMATION

Regular Office Hours during which orders may be placed:

Monday – Friday 7:30 am – 4:30 pm (CST)

In case of an emergency during non-business hours:

For Chemical Related Emergencies:

ChemTrec: (800) 424-9300

Names, telephone/FAX numbers of those responsible for taking orders and initiating delivery:

Office Phone: (225) 473-1100 Customer Service
Office Fax: (225) 473-4442

Customer Service custsvc-geis@univarusa.com

For anything pertaining to bids:

Please send all bid packets/documents to:
(Unless otherwise specified)

Univar USA Inc.
Attn: WER Muni Team
8201 S. 212th
Kent, WA 98032-1994

Contacts: muniteam-west@univarusa.com

Michelle Wick
Municipal Specialist
Phone: (253) 872-5084
Fax: (253) 872-5041
michelle.wick@univarusa.com

Roise Holiday
Municipal Specialist
Phone: (253) 872-5068
Fax: (253) 872-5041
roise.holiday@univarusa.com

Jennifer Perras
Municipal Specialist
Phone: (253) 872-5040
Fax: (253) 872-5041
Jennifer.perras@univarusa.com

Remittance Address:

Univar USA Inc.
PO Box 849027
Dallas, TX 75284

Standard Payment Terms:

Net 30 days

**Request for Taxpayer
Identification Number and Certification**

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

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return) Univar USA Inc.	
	Business name/disregarded entity name, if different from above	
	Check appropriate box for federal tax classification: <input type="checkbox"/> Individual/sole proprietor <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ <input type="checkbox"/> Other (see instructions) ▶ _____	
	Exemptions (see instructions): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____	
	Address (number, street, and apt. or suite no.) 3075 Highland Pkwy Ste 200 City, state, and ZIP code Downers Grove, IL 60515-5560	Requester's name and address (optional)
List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)																				
Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> on page 3.																				
	<table border="1" style="margin:auto;"> <tr><td align="center" colspan="9">Social security number</td></tr> <tr><td style="width:20px; height:20px;"></td><td style="width:20px; height:20px;"></td></tr> </table>	Social security number																		
Social security number																				
<p>Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.</p>	<table border="1" style="margin:auto;"> <tr><td align="center" colspan="9">Employer identification number</td></tr> <tr><td style="width:20px; height:20px;">9</td><td style="width:20px; height:20px;">1</td><td style="width:20px; height:20px;">-</td><td style="width:20px; height:20px;">1</td><td style="width:20px; height:20px;">3</td><td style="width:20px; height:20px;">4</td><td style="width:20px; height:20px;">7</td><td style="width:20px; height:20px;">9</td><td style="width:20px; height:20px;">3</td><td style="width:20px; height:20px;">5</td></tr> </table>	Employer identification number									9	1	-	1	3	4	7	9	3	5
Employer identification number																				
9	1	-	1	3	4	7	9	3	5											

Part II Certification	
Under penalties of perjury, I certify that:	
<ol style="list-style-type: none"> The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and I am a U.S. citizen or other U.S. person (defined below), and The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct. 	
<p>Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.</p>	
Sign Here	Signature of U.S. person ▶ <i>David P. Lunde</i> Date ▶ <i>1/1/2015</i>

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.
Future developments. The IRS has created a page on IRS.gov for information about Form W-9, at www.irs.gov/w9. Information about any future developments affecting Form W-9 (such as legislation enacted after we release it) will be posted on that page.

Purpose of Form

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

- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:
- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
 - Certify that you are not subject to backup withholding, or
 - Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the

withholding tax on foreign partners' share of effectively connected income, and

- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct.

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

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

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

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.



ADDITIONAL REMARKS SCHEDULE

AGENCY Aon Risk Services Central, Inc.		NAMED INSURED Univar Inc.	
POLICY NUMBER See Certificate Number: 570056947300			
CARRIER See Certificate Number: 570056947300	NAIC CODE	EFFECTIVE DATE:	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER	
INSURER	
INSURER	
INSURER	

ADDITIONAL POLICIES If a policy below does not include limit information, refer to the corresponding policy on the ACORD certificate form for policy limits.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
	AUTOMOBILE LIABILITY							
B				CA 4806890 Truckers Liability (AOS)	03/01/2015	06/01/2016	Combined Single Limi	\$5,000,000
B				CA 4806891 Truckers Liability (MA)	03/01/2015	06/01/2016		
B				CA 4806892 Truckers Liability (VA)	03/01/2015	06/01/2016		
	WORKERS COMPENSATION							
B		N/A		WC1591222 (CA, OH, OR, WA) SIR applies per policy terms & conditions	03/01/2015	03/01/2016		
C		N/A		WC001591221 (FL)	03/01/2015	03/01/2016		
C		N/A		WC012948466 (IL, KY, NC, NH, UT)	03/01/2015	03/01/2016		
C		N/A		WC012948467 (AK, AZ, GA)	03/01/2015	03/01/2016		
C		N/A		WC012948468 (NJ, PA)	03/01/2015	03/01/2016		
	OTHER							
D	Pol1 Legal Liab			PLS6292901	03/01/2015	06/01/2016	Occ Ded	\$500,000



Bid Number 50 - 00113475

Two Year Contract for the Supply of Liquid Caustic Soda for the
Jefferson Parish Department of Sewerage

June 18, 2015 for 2:00pm

ATTENTION VENDORS!!!

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

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Ms. Laniel L. Francis
lfrancis@jeffparish.net
504.364.2690**

DATE: 6/03/2015

INVITATION TO BID
THIS IS NOT AN ORDER

BID NO.: 50-00113475

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

Page: 1

BUYER: LFRANCIS@jeffparish.net

BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 6/18/2015 AND PUBLICLY OPENED THEREAFTER.

LATE BIDS WILL NOT BE ACCEPTED

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

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

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

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

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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

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

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

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

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

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

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

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

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

DATE: 6/03/2015

BID NO.: 50-00113475

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

Page: 3

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

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

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

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

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

ADDITIONAL REQUIREMENTS FOR THIS BID

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

10,12,13,15

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

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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

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

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES NO

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____% mutual agreement

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF June 2016.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES N/A

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) N/A

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Univar USA, Inc.

ADDRESS: 8201 S. 212th St.

CITY, STATE: Kenner, LA ZIP: 70032

TELEPHONE: (253) 872-5084 FAX: (253) 872-5041

EMAIL ADDRESS: Michelle.wick@univarusa.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 99,873.00

AUTHORIZED SIGNATURE: [Signature]

Michelle Wick
Printed Name

TITLE: Municipal Specialist

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

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

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00113475

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	10,000.00	GL	<p>TWO YEAR CONTRACT FOR THE SUPPLY OF LIQUID CAUSTIC SODA</p> <p>Two year contract for a supply of Liquid Caustic Soda (50 percent by weight and 25 percent by weight) in bulk deliveries for the Jefferson Parish Department of Sewerage.</p> <p>0010 Liquid Caustic Soda 50 Percent - Water-white solution containing 50 percent of sodium hydroxide by weight.</p>	1.6828	16,828.00
2	85,000.00	GL	<p>0020 Liquid Caustic Soda 25 Percent - Clear solution containing 25 percent of sodium hydroxide by weight.</p> <p>WasteWater - EB 2 Humane Way Jefferson , LA 70123</p> <p>Sewerage Office - WB 1440 River Park Rd Bridge City , LA 70094</p>	0.977	83,045.00

**JEFFERSON PARISH
DEPARTMENT OF SEWERAGE
SPECIFICATIONS FOR LIQUID CAUSTIC SODA
(50 PERCENT & 25 PERCENT OF SODIUM HYDROXIDE BY WEIGHT)
IN BULK DELIVERIES**

GENERAL

Specifications for a two year contract for a supply of Liquid Caustic Soda (50 percent by weight and 25 percent by weight) in bulk deliveries for the Jefferson Parish Department of Sewerage. The quantity shown on this bid represents an approximate quantity to be purchased over the two year period. Actual usage will be on an as needed basis.

PRODUCT SPECIFICATIONS

The liquid caustic soda furnished under these specifications will be used as a chemical additive for the chemical scrubbers at the Eastbank Wastewater Treatment Plant.

- A. Liquid Caustic Soda 50 Percent – Water-white solution containing 50 percent of sodium hydroxide by weight.
- B. Liquid Caustic Soda 25 Percent – Clear solution containing 25 percent of sodium hydroxide by weight.

COMPONENT	BASIS	SPECIFICATIONS
Total Alkalinity	wt.%	38.7 minimum
Hydroxide Alkalinity	wt.%	50.0 minimum
Na ₂ CO ₃	wt.%	0.09 maximum
NaCl	wt.%	0.0005 maximum
NaClO ₃	wt.%	.25 maximum
Na ₂ SO ₄	PPM by wt.	25 maximum
Iron (Fe)	PPM by wt.	3 maximum
Copper (Cu)	PPM by wt.	0.3 maximum

Nickel (Ni)	PPM by wt.	0.3 maximum
Mercury (Hg)	PPM by wt.	0.4 maximum
Arsenic (As)	PPM by wt.	1.5 maximum
Heavy Metal	PPM by wt.	15.0 maximum

DELIVERIES

Deliveries shall be made by suitable motor carrier, in D.O.T. approved containers. Vendor shall be responsible for the safe delivery of the liquid caustic solution into bulk storage tanks owned by Jefferson Parish. The delivery truck and equipment shall be a self-contained system. Jefferson Parish will not provide the vendor with any utilities (electricity, compressed air, etc.) at the delivery site. Vendor must provide all required pipe fittings and sufficient lengths of hoses. Vendor shall visit the delivery site and familiarize him/herself with the area.

Orders shall be shipped within 48 hours after receipt of purchase order.

Shipments shall be made, according to users need, to the following location:

Eastbank Wastewater Treatment Plant
 #2 Humane Way
 Harahan, LA 70123

SPILLS & SAFETY PRECAUTIONS

The vendor shall adhere to all safety precautions in the handling of this hazardous chemical. Specifically, vendor's personnel must wear safety eye protection and chemical resistant gloves. Delivery personnel must be in complete control of the material while unloading into the tanks. In the event of a spill, the delivery personnel must be capable of determining the proper remedial actions and proceed immediately to remediate the site properly. In the event of a substantial spill, the Jefferson Parish Department of Environmental Affairs shall be notified. The vendor may be required to provide a plan of action and Jefferson Parish must approve its resolution.

INVOICING

The vendor shall not advance delivery of any material without a proper purchase order number from the Department of Sewerage, except in the case of a Director Declared Emergency.

Invoices shall include amount of material delivered, purchase order number, and date of delivery; and must be sent to:

Department Of Sewerage
1221 Elmwood Park Blvd., Suite 803
Harahan, LA 70123

TECHNICAL INFORMATION

The bidder shall submit material safety data sheets and product data sheets within 10 calendar days after the bid opening.

INSURANCE REQUIREMENTS - BIDS

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

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

1. WORKER'S COMPENSATION INSURANCE

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

2. COMMERCIAL GENERAL LIABILITY

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

3. COMPREHENSIVE AUTOMOBILE LIABILITY

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

DEDUCTIBLES

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

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

UMBRELLA LIABILITY COVERAGE

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

CONSTRUCTION AND RENOVATION PROJECTS:

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

OWNER'S PROTECTIVE LIABILITY

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

BUILDER'S RISK INSURANCE

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

NOTE for CERTIFICATE HOLDER:

All insurance certificates shall list the certificate holder as follows:

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

Revised 2.10.2014



UNIVAR USA INC.
AUTHORIZED BID SIGNERS

RESOLUTION

RESOLVED, that the Corporate Secretary shall maintain a list of the agents of this Corporation who are vested with authority to execute in the Corporation's behalf formal, written bids or proposals for the sale of other disposition of products handled by the Corporation. Said list shall be as established initially by the Board of Directors and thereafter, the President, or a Vice President shall have the authority, by written directive to the Corporate Secretary, to add agents to or eliminate agents from said list, and it is further

RESOLVED, that the Corporate Secretary or any Assistant Secretary of the Corporation is authorized to certify this resolution or certify to the name or names of persons on the list maintained by the Corporate Secretary and such certificate will be conclusive evidence of the authority of such person or persons so to act.

END OF RESOLUTION

CERTIFICATION

I, the undersigned, as Corporate Secretary of Univar USA Inc. do hereby certify as follows:

1. That the above resolution was duly adopted by the Board of Directors of said Corporation at a meeting duly held on December 4, 1986, and is in full force and effect.
2. That the list of persons authorized to execute, for an on behalf of this Corporation, written bids or proposals for the sale or other disposition of products handled by this Corporation, as initially established by the Board of Directors and thereafter added to by the President, or a Vice President of this Corporation as follows:

All officers and the following:

Shawnasey McCarthy – Municipal Business Manager
Jennifer Perras – Municipal Specialist
Michelle Wick – Municipal Specialist
Roise Holiday – Municipal Specialist

3. That all of the foregoing persons are authorized to execute bids pursuant to the resolution above referred to.

Dated this 16 day of June, 2015.



Perry T. Kusakabe
Corporate Secretary

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF

INCORPORATED.

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

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

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

SECRETARY-TREASURER

DATE

Non-Public Works Bid Affidavit Instructions

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

Instruction sheet may be omitted when submitting the affidavit

Non-Public Works Bid

AFFIDAVIT

STATE OF Washington

PARISH/COUNTY OF King

BEFORE ME, the undersigned authority, personally came and appeared: Michele Wick, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized Municipal Specialist of Oniver USA (Entity), the party who submitted a bid in response to Bid Number 50-00113475 to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

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

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

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

Debt Disclosures

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

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

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

Affiant further said:

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

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

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

[Handwritten Signature]
Signature of Affiant

Michelle Wick
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 16 DAY OF June, 2015.

[Handwritten Signature]
Notary Public

Jennifer M Perras
Printed Name of Notary

Notary/Bar Roll Number

My commission expires April 24, 2019





SODIUM HYDROXIDE 50% SOLUTION

Standard Grade – Western Region

SALES SPECIFICATIONS	INDEX:	NaOH, Standard Grade
APPLICABILITY: GENERAL	ISSUED:	29 April 2003
	SUPERSEDES:	Nil

Total Alkalinity (as Na ₂ O)	%	37.5	min.	CA-4
	%	39.5	max.	
Hydroxide Alkalinity (as NaOH)	%	48.5	min.	CA-4
	%	51.0	max.	
Carbonates (as Na ₂ CO ₃)	%	0.20	max.	CA-4
Chlorides (as NaCl)	%	1.30	max.	E291
Chlorates (as NaClO ₃)	%	0.30	max.	EPA200.7
Sulfates (as Na ₂ SO ₄)	%	0.05	max.	EPA200.7
Iron (Fe)	ppm	8.0	max.	E291
Copper (Cu)	ppm	0.20	max.	ICP

Note: All % and ppm values are expressed on a weight by weight 50% solution basis



Univar
3075 Highland Pkwy STE 200
Downers Grove, IL 60515
425-889-3400

SAFETY DATA SHEET

1. Identification

Product identifier: CAUSTIC SODA 50%

Other means of identification

Synonyms: Sodium Hydroxide

SDS number: 000100000088

Recommended use and restriction on use

Recommended use: Not available.

Restrictions on use: Not known.

Emergency telephone number: For emergency assistance Involving chemicals

call CHEMTREC day or night at: 1-800-424-9300. CHEMTREC INTERNATIONAL Tel# 703-527-3887

2. Hazard(s) identification

Hazard classification

Health hazards

Acute toxicity (Oral) Category 4

Skin corrosion/irritation Category 1A

Serious eye damage/eye irritation Category 1

Environmental hazards Acute hazards to the aquatic environment Category 3

Label elements

Hazard symbol





Signal word	Danger
Hazard statement	Corrosive. Harmful if swallowed. Causes severe skin burns and eye damage.
Precautionary statement	
Prevention	Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mists. Wear protective gloves/protective clothing/eye protection/face protection.
Response	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell. Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. Specific treatment (see this label). Wash contaminated clothing before reuse.
Storage	Store in a closed container. Keep container tightly closed. Store in a well-ventilated place. Store in a dry place. Store locked up.
Disposal	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Other hazards which do not result in GHS classification	None.

3. Composition/information on ingredients

Substances

Chemical identity	Common name and synonyms	CAS number	Content in percent (%)*
Sodium hydroxide		1310-73-2	>=48 - <=52%
Water		7732-18-5	>=48 - <=52%
Sodium Chloride		7647-14-5	>=0 - <=5%

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

4. First-aid measures

General information:	CAUTION! First aid personnel must be aware of own risk during rescue!
Ingestion:	Do NOT induce vomiting. Never give liquid to an unconscious person. Get medical attention immediately.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped. Get medical attention immediately.
Skin contact:	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Eye contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Most important symptoms/effects, acute and delayed	
Symptoms:	No data available.

Indication of immediate medical attention and special treatment needed

Treatment: No data available.

5. Fire-fighting measures

General fire hazards: No data available.
Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use: Powder. In case of fire in the surroundings: all extinguishing agents allowed.

Unsuitable extinguishing media: No data available.



Specific hazards arising from the chemical: No data available.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: No data available.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Keep unauthorized personnel away.

Methods and material for containment and cleaning up: Absorb spillage with non-combustible, absorbent material. Dike for later disposal.

7. Handling and storage

Precautions for safe handling: Use personal protective equipment as required. Use only with adequate ventilation. Container must be kept tightly closed.

Conditions for safe storage, including any incompatibilities: No data available.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Chemical identity	Type	Exposure Limit values	Source
Sodium hydroxide	Ceiling	2 mg/m3	US. ACGIH Threshold Limit Values (03 2013)
	Ceil_Tim e	2 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	2 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	Ceiling	2 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	Ceiling	2 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
Sodium hydroxide - Particulate.	ST ESL	20 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	2 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
Sodium hydroxide	Ceiling	2 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)

Appropriate engineering controls No data available.

Individual protection measures, such as personal protective equipment

General information: Use personal protective equipment as required. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. Practice good housekeeping.

Eye/face protection: Use personal protective equipment as required. Wear goggles/face shield.

Skin protection

Hand protection: No data available.

Other: No data available.

Respiratory protection: No data available.
Hygiene measures: No data available.

9. Physical and chemical properties

Physical state: Liquid
Form: No data available.
Color: No data available.
Odor: No data available.
Odor threshold: No data available.
pH: 14
Melting point/freezing point: -12 - 10 °C
Initial boiling point and boiling range: 105 - 140 °C
Flash Point: No data available.
Evaporation rate: No data available.
Flammability (solid, gas): No data available.
Upper/lower limit on flammability or explosive limits
Flammability limit - upper (%): No data available.
Flammability limit - lower (%): No data available.
Explosive limit - upper (%): No data available.
Explosive limit - lower (%): No data available.
Vapor pressure: No data available.
Vapor density: No data available.
Relative density: No data available.
Solubility(ies)
Solubility in water: No data available.
Solubility (other): No data available.
Partition coefficient (n-octanol/water): No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity: No data available.

10. Stability and reactivity

Reactivity:	No data available.
Chemical stability:	No data available.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	No data available.
Incompatible materials:	No data available.
Hazardous decomposition products:	No data available.

11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion:	No data available.
Inhalation:	No data available.
Skin contact:	No data available.
Eye contact:	No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: ATEmix (): 353.488372 mg/kg

Dermal

Product:

Not classified for acute toxicity based on available data.

Inhalation

Product: No data available.

Specified substance(s):

Sodium Chloride LC 50 (Rat,): > 42 mg/l 2 (reliable with restrictions)

Repeated dose toxicity

Product: No data available.

Skin corrosion/irritation

Product: No data available.

Serious eye damage/eye irritation

Product: No data available.

Respiratory or skin sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ cell mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific target organ toxicity - single exposure

Product: No data available.

Specific target organ toxicity - repeated exposure

Product: No data available.

Aspiration hazard

Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Specified substance(s):

Sodium hydroxide LC 50 (Western mosquitofish (*Gambusia affinis*), 24 h): 125 mg/l Mortality
LC 50 (Guppy (*Poecilia reticulata*), 24 h): 145 mg/l Mortality LC 50 (Goldfish (*Carassius auratus*), 24 h): 160 mg/l Mortality LC 50 (Bony fish superclass (*Osteichthyes*), 48 h): 33 - 100 mg/l Mortality LC 50 (Western mosquitofish (*Gambusia affinis*), 48 h): 125 mg/l Mortality

Aquatic invertebrates

Product: No data available.

Specified substance(s):

Sodium hydroxide EC 50 (Water flea (*Ceriodaphnia dubia*), 48 h): 34.59 - 47.13 mg/l
Intoxication LC 50 (Common shrimp, sand shrimp (*Crangon crangon*), 48 h): 33 - 100 mg/l Mortality LC 50 (Cockle (*Cerastoderma edule*), 48 h): 330 -



1,000 mg/l Mortality

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and degradability

Biodegradation

Product: No data available.

BOD/COD ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration factor (BCF)

Product: No data available.

Partition coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility in soil:

No data available.

Known or predicted distribution to environmental compartments

Sodium hydroxide No data available.

Water No data available.

Sodium chloride No data available.

Known or predicted distribution to environmental compartments

Water No data available.

13. Disposal considerations

Disposal instructions: No data available.

Contaminated packaging: No data available.

14. Transport information

DOT

UN number: UN 1824
UN proper shipping name: Sodium hydroxide solution
Transport hazard class(es)
Class: 8
Label(s): 8
Packing group: II
Marine Pollutant: Not regulated.



Special precautions for user:	–
IMDG	
UN number:	UN 1824
UN proper shipping name:	SODIUM HYDROXIDE SOLUTION
Transport hazard class(es)	
Class:	8
Label(s):	8
EmS No.:	F-A, S-B
Packing group:	II
Marine Pollutant:	Not regulated.
Special precautions for user:	–
IATA	
UN number:	UN 1824
Proper Shipping Name:	Sodium hydroxide solution
Transport hazard class(es):	
Class:	8
Label(s):	8
Packing group:	II
Environmental hazards	Not regulated.
Special precautions for user:	–
Other information	
Passenger and cargo aircraft:	Allowed.
Cargo aircraft only:	Allowed.

15. Regulatory information

US federal regulations US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Sodium hydroxide Reportable quantity: 1000 lbs.

Superfund amendments and reauthorization act of 1986 (SARA)

Hazard categories

Not listed.

SARA 302 Extremely hazardous substance

None present or none present in regulated quantities.

SARA 304 Emergency release notification

<u>Chemical identity</u>	<u>RQ</u>
Sodium hydroxide	1000 lbs.

SARA 311/312 Hazardous chemical

<u>Chemical identity</u>	<u>Threshold Planning Quantity</u>
Sodium hydroxide	500 lbs
Sodium Chloride	500 lbs

SARA 313 (TRI reporting)

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

Sodium hydroxide Reportable quantity: 1000 lbs.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

US state regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

Sodium hydroxide Listed

US. Massachusetts RTK - Substance List

Sodium hydroxide Listed

US. Pennsylvania RTK - Hazardous Substances

Sodium hydroxide Listed

US. Rhode Island RTK

Sodium hydroxide Listed

Inventory Status: Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EU EINECS List:	Not in compliance with the inventory.
EU ELINCS List:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
EU No Longer Polymers List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.

16. Other information, including date of preparation or last revision

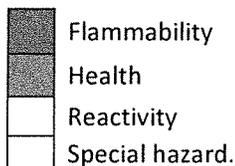
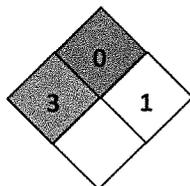
HMIS Hazard ID

Health	*	3
Flammability		0
Physical hazard		1
PERSONAL PROTECTION		B

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect

NFPA Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Issue date: 04/29/2015
Revision date: No data available.
Version #: 1.2
Further information: No data available.



CERTIFICATE OF ANALYSIS



Univar USA Inc
777 Brisbane
Houston, Tx. 77061
PH. 713-641-9469
Fax 713-644-8369
www.univarusa.com

DATE: April 23, 2015
PRODUCT: Caustic Soda 25%
UNIVAR PRODUCT CODE: 608142
UNIVAR LOT NUMBER: HS540299

<u>TEST</u>	<u>RESULTS</u>	<u>SPECIFICATIONS</u>	
APPEARANCE	Pass	Clear, Free of Foreign Matter	
Specific Gravity @20	1.27	1.26	1.3
Assay, as NaOH%	24.8	24	26%

Univar USA Inc.

Billy Galer

Name

Laboratory Technician

Job Title

Notes:

Please consult the MSDS for further information.

Univar USA Inc. ("Univar") represents only that the Product shall meet the specifications herein. All transactions involving this Product are subject to Univar's standard Terms and Conditions, available at www.univarusa.com or upon request. Univar makes no additional additional representations or warranties, express or implied, as to the Product.



Univar
3075 Highland Pkwy STE 200
Downers Grove, IL 60515
425-889-3400

SAFETY DATA SHEET

1. Identification

Product identifier: CAUSTIC SODA 25 - 28%

Other means of identification

Synonyms: Sodium Hydroxide

SDS number: 000100000085

Recommended use and restriction on use

Recommended use: Not available.

Restrictions on use: Not known.

Emergency telephone number: For emergency assistance Involving chemicals

call CHEMTREC day or night at: 1-800-424-9300. CHEMTREC INTERNATIONAL Tel# 703-527-3887

2. Hazard(s) identification

Hazard classification

Health hazards

Acute toxicity (Oral) Category 4

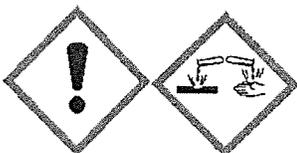
Skin corrosion/irritation Category 1A

Serious eye damage/eye irritation Category 1

Environmental hazards Acute hazards to the aquatic environment Category 3

Label elements

Hazard symbol



Signal word	Danger
Hazard statement	Corrosive. Harmful if swallowed. Causes severe skin burns and eye damage.
Precautionary statement	
Prevention	Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mists. Wear protective gloves/protective clothing/eye protection/face protection.
Response	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell. Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. Specific treatment (see this label). Wash contaminated clothing before reuse.
Storage	Store in a closed container. Keep container tightly closed. Store in a well-ventilated place. Store in a dry place. Store locked up.
Disposal	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Other hazards which do not result in GHS classification	None.

3. Composition/information on ingredients

Substances

Chemical identity	Common name and synonyms	CAS number	Content in percent (%)*
Sodium hydroxide		1310-73-2	25%
Water		7732-18-5	75%

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

4. First-aid measures

General information:	CAUTION! First aid personnel must be aware of own risk during rescue!
Ingestion:	Do NOT induce vomiting. Never give liquid to an unconscious person. Get medical attention immediately.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped. Get medical attention immediately.
Skin contact:	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Eye contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Most important symptoms/effects, acute and delayed	
Symptoms:	No data available.

Indication of immediate medical attention and special treatment needed

Treatment: No data available.

5. Fire-fighting measures

General fire hazards: No data available.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use: Powder. In case of fire in the surroundings: all extinguishing agents allowed.

Unsuitable extinguishing media: No data available.

Specific hazards arising from the chemical: No data available.



Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: No data available.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Keep unauthorized personnel away.

Methods and material for containment and cleaning up: Absorb spillage with non-combustible, absorbent material. Dike for later disposal.

7. Handling and storage

Precautions for safe handling: Use personal protective equipment as required. Use only with adequate ventilation. Container must be kept tightly closed.

Conditions for safe storage, including any incompatibilities: No data available.



8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Chemical identity	Type	Exposure Limit values	Source
Sodium hydroxide	Ceiling	2 mg/m3	US. ACGIH Threshold Limit Values (03 2013)
	Ceil_Tim e	2 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	2 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	Ceiling	2 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	Ceiling	2 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
Sodium hydroxide - Particulate.	ST ESL	20 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	2 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
Sodium hydroxide	Ceiling	2 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)

Appropriate engineering controls No data available.

Individual protection measures, such as personal protective equipment

General information: Use personal protective equipment as required. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. Practice good housekeeping.

Eye/face protection: Use personal protective equipment as required. Wear goggles/face shield.

Skin protection

Hand protection: No data available.

Other: No data available.

Respiratory protection: No data available.
Hygiene measures: No data available.

9. Physical and chemical properties

Physical state: Liquid
Form: No data available.
Color: No data available.
Odor: No data available.
Odor threshold: No data available.
pH: 14
Melting point/freezing point: -25 °C
Initial boiling point and boiling range: 116 °C
Flash Point: No data available.
Evaporation rate: No data available.
Flammability (solid, gas): No data available.
Upper/lower limit on flammability or explosive limits
 Flammability limit - upper (%): No data available.
 Flammability limit - lower (%): No data available.
 Explosive limit - upper (%): No data available.
 Explosive limit - lower (%): No data available.
Vapor pressure: No data available.
Vapor density: No data available.
Relative density: No data available.
Solubility(ies)
 Solubility in water: No data available.
 Solubility (other): No data available.
Partition coefficient (n-octanol/water): No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity: No data available.

10. Stability and reactivity

Reactivity:	No data available.
Chemical stability:	No data available.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	No data available.
Incompatible materials:	No data available.
Hazardous decomposition products:	No data available.

11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion:	No data available.
Inhalation:	No data available.
Skin contact:	No data available.
Eye contact:	No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: ATEmix (): 325 mg/kg

Dermal

Product: No data available.

Inhalation

Product: No data available.

Repeated dose toxicity

Product: No data available.

Skin corrosion/irritation

Product: No data available.

Serious eye damage/eye irritation

Product: No data available.

Respiratory or skin sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ cell mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific target organ toxicity - single exposure

Product: No data available.

Specific target organ toxicity - repeated exposure

Product: No data available.

Aspiration hazard

Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Specified substance(s):

Sodium hydroxide LC 50 (Western mosquitofish (*Gambusia affinis*), 24 h): 125 mg/l Mortality
LC 50 (Guppy (*Poecilia reticulata*), 24 h): 145 mg/l Mortality LC 50 (Goldfish
(*Carassius auratus*), 24 h): 160 mg/l Mortality LC 50 (Bony fish superclass
(*Osteichthyes*), 48 h): 33 - 100 mg/l Mortality LC 50 (Western mosquitofish
(*Gambusia affinis*), 48 h): 125 mg/l Mortality

Aquatic invertebrates

Product: No data available.

Specified substance(s):

Sodium hydroxide EC 50 (Water flea (*Ceriodaphnia dubia*), 48 h): 34.59 - 47.13 mg/l
Intoxication LC 50 (Common shrimp, sand shrimp (*Crangon crangon*), 48 h):
33 - 100 mg/l Mortality LC 50 (Cockle (*Cerastoderma edule*), 48 h): 330 -



1,000 mg/l Mortality

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and degradability

Biodegradation

Product: No data available.

BOD/COD ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration factor (BCF)

Product: No data available.

Partition coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility in soil:

No data available.

Known or predicted distribution to environmental compartments

Sodium hydroxide No data available.

Water No data available.

Known or predicted distribution to environmental compartments

Water No data available.

13. Disposal considerations

Disposal instructions: No data available.

Contaminated packaging: No data available.

14. Transport information

DOT

UN number: UN 1824
UN proper shipping name: Sodium hydroxide solution
Transport hazard class(es)
Class: 8
Label(s): 8
Packing group: II
Marine Pollutant: Not regulated.



Special precautions for user: —

IMDG

UN number: UN 1824
UN proper shipping name: SODIUM HYDROXIDE SOLUTION
Transport hazard class(es)
Class: 8
Label(s): 8
EmS No.: F-A, S-B
Packing group: II
Marine Pollutant: Not regulated.
Special precautions for user: —

IATA

UN number: UN 1824
Proper Shipping Name: Sodium hydroxide solution
Transport hazard class(es):
Class: 8
Label(s): 8
Packing group: II
Environmental hazards: Not regulated.
Special precautions for user: —
Other information
Passenger and cargo aircraft: Allowed.
Cargo aircraft only: Allowed.

15. Regulatory information

US federal regulations US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Sodium hydroxide Reportable quantity: 1000 lbs.

Superfund amendments and reauthorization act of 1986 (SARA)

Hazard categories

Not listed.



SARA 302 Extremely hazardous substance

None present or none present in regulated quantities.

SARA 304 Emergency release notification

<u>Chemical identity</u>	<u>RQ</u>
Sodium hydroxide	1000 lbs.

SARA 311/312 Hazardous chemical

<u>Chemical identity</u>	<u>Threshold Planning Quantity</u>
Sodium hydroxide	500 lbs

SARA 313 (TRI reporting)

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

Sodium hydroxide Reportable quantity: 1000 lbs.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

US state regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

Sodium hydroxide Listed

US. Massachusetts RTK - Substance List

Sodium hydroxide Listed

US. Pennsylvania RTK - Hazardous Substances

Sodium hydroxide Listed

US. Rhode Island RTK

Sodium hydroxide Listed

Inventory Status: Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EU EINECS List:	On or in compliance with the inventory
EU ELINCS List:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
EU No Longer Polymers List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.

16. Other information, including date of preparation or last revision

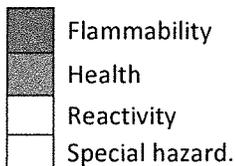
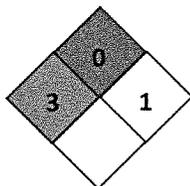
HMIS Hazard ID

Health	*	3
Flammability		0
		1
PERSONAL PROTECTION	B	

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect

NFPA Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Issue date: 04/28/2015
Revision date: No data available.
Version #: 1.0
Further information: No data available.

Version: 1.0
Revision date: 04/28/2015





The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Tuesday, June 16, 2015** at 12:15 a.m. Eastern Time. Please contact NSF International to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information: <http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=Univar+USA%2C+Inc%2E&ChemicalName=Sodium+Hydroxide&>

NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

Univar USA Inc.

17425 Northeast Union Hill Road
Redmond, WA 98052
United States
425-889-3400

Facility : # 1 Distribution Center - Richmond, CA

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sodium Hydroxide 15%	pH Adjustment	333mg/L
Sodium Hydroxide 20%	pH Adjustment	250mg/L
Sodium Hydroxide 25%	pH Adjustment	200mg/L
Sodium Hydroxide 30%	pH Adjustment	165mg/L
Sodium Hydroxide 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : # 1 Chattanooga, TN

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 20%	Corrosion Control	250mg/L
	pH Adjustment	
Caustic Soda 25%	pH Adjustment	200mg/L
	Corrosion & Scale Control	
Caustic Soda 50%	Corrosion Control	100mg/L
	pH Adjustment	

Sodium Hydroxide 20%	Corrosion Control	250mg/L
	pH Adjustment	
Sodium Hydroxide 25%	pH Adjustment	200mg/L
	Corrosion & Scale Control	
Sodium Hydroxide 50%	Corrosion Control	100mg/L
	pH Adjustment	

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : # 2 Chattanooga, TN

Sodium Hydroxide	Product Function	Max Use
<i>Trade Designation</i>		
Caustic Soda 50%	Corrosion Control	100mg/L
	pH Adjustment	
Sodium Hydroxide 50%	Corrosion Control	100mg/L
	pH Adjustment	

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Phoenix 27th Ave., AZ

Sodium Hydroxide	Product Function	Max Use
<i>Trade Designation</i>		
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Redwood City, CA

Sodium Hydroxide	Product Function	Max Use
<i>Trade Designation</i>		
Sodium Hydroxide 15%	pH Adjustment	333mg/L
Sodium Hydroxide 20%	pH Adjustment	250mg/L
Sodium Hydroxide 25%	pH Adjustment	200mg/L
Sodium Hydroxide 30%	pH Adjustment	165mg/L
Sodium Hydroxide 33%	pH Adjustment	152mg/L
Sodium Hydroxide 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Santa Fe Springs, CA**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 32%	pH Adjustment	156mg/L
Caustic Soda 50%	pH Adjustment	100mg/L
Sodium Hydroxide 32%	pH Adjustment	156mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Visalia, CA**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sodium Hydroxide 15%	pH Adjustment	333mg/L
Sodium Hydroxide 20%	pH Adjustment	250mg/L
Sodium Hydroxide 25%	pH Adjustment	200mg/L
Sodium Hydroxide 30%	pH Adjustment	165mg/L
Sodium Hydroxide 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Wilmington, CA**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : San Pedro, CA**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 20%	Corrosion & Scale Control	250mg/L

Caustic Soda 25%	Corrosion & Scale Control	200mg/L
Caustic Soda 30%	Corrosion & Scale Control	165mg/L
Caustic Soda 50%	Corrosion & Scale Control	100mg/L
Sodium Hydroxide 20%	Corrosion & Scale Control	250mg/L
Sodium Hydroxide 25%	Corrosion & Scale Control	200mg/L
Sodium Hydroxide 30%	Corrosion & Scale Control	165mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Denver, CO

Sodium Hydroxide	Product Function	Max Use
<i>Trade Designation</i>		
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Jacksonville Westway Terminal, FL

Sodium Hydroxide	Product Function	Max Use
<i>Trade Designation</i>		
Caustic Soda 15%	Corrosion & Scale Control pH Adjustment	333mg/L
Caustic Soda 20%	Corrosion & Scale Control pH Adjustment	250mg/L
Caustic Soda 25%	Corrosion & Scale Control pH Adjustment	200mg/L
Caustic Soda 30%	Corrosion & Scale Control pH Adjustment	165mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Tampa, FL

Sodium Hydroxide	Product Function	Max Use
<i>Trade Designation</i>		
Caustic Soda 20%	Corrosion & Scale Control	250mg/L
Caustic Soda 25%	Corrosion & Scale Control	200mg/L

Caustic Soda 50%	Corrosion & Scale Control	100mg/L
Sodium Hydroxide 20%	Corrosion & Scale Control	250mg/L
Sodium Hydroxide 25%	Corrosion & Scale Control	200mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Augusta, GA

Sodium Hydroxide	Product Function	Max Use
Trade Designation		
Caustic Soda 25%	Corrosion Control	200mg/L
	pH Adjustment	
Caustic Soda 32%	Corrosion Control	156mg/L
	pH Adjustment	
Caustic Soda 50%	Corrosion Control	100 mg/L
	pH Adjustment	
Sodium Hydroxide 25%	Corrosion Control	200mg/L
	pH Adjustment	
Sodium Hydroxide 30-49%	Corrosion Control	100mg/L
	pH Adjustment	
Sodium Hydroxide 32%	Corrosion Control	156mg/L
	pH Adjustment	
Sodium Hydroxide 50%	Corrosion Control	100 mg/L
	pH Adjustment	
Weak Caustic	Corrosion Control	100mg/L
	pH Adjustment	

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Dallas, GA

Sodium Hydroxide	Product Function	Max Use
Trade Designation		
Sodium Hydroxide 15%	pH Adjustment	333mg/L
Sodium Hydroxide 20%	pH Adjustment	250mg/L
Sodium Hydroxide 25%	pH Adjustment	200mg/L
Sodium Hydroxide 30%	pH Adjustment	165mg/L
Sodium Hydroxide 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Savannah, GA

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 15%	Corrosion & Scale Control pH Adjustment	333mg/L
Caustic Soda 20%	Corrosion & Scale Control pH Adjustment	250mg/L
Caustic Soda 25%	Corrosion & Scale Control pH Adjustment	200mg/L
Caustic Soda 30%	Corrosion & Scale Control pH Adjustment	165mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are NSF Certified.

Facility : Norcross, GA

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 20%	Corrosion & Scale Control pH Adjustment	250mg/L
Caustic Soda 25%	Corrosion & Scale Control pH Adjustment	200mg/L
Caustic Soda 32%	Corrosion Control pH Adjustment	156mg/L
Caustic Soda 50%	Corrosion Control pH Adjustment	100mg/L
Sodium Hydroxide 20%	Corrosion & Scale Control pH Adjustment	250mg/L
Sodium Hydroxide 25%	Corrosion & Scale Control pH Adjustment	200mg/L
Sodium Hydroxide 30-49%	Corrosion Control pH Adjustment	100mg/L
Sodium Hydroxide 32%	Corrosion Control pH Adjustment	156mg/L
Sodium Hydroxide 50%	Corrosion Control pH Adjustment	100mg/L
Weak Caustic	Corrosion Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Lemont, IL

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sodium Hydroxide 15%	pH Adjustment	333mg/L
Sodium Hydroxide 20%	pH Adjustment	250mg/L

Sodium Hydroxide 25%	pH Adjustment	200mg/L
Sodium Hydroxide 30%	pH Adjustment	165mg/L
Sodium Hydroxide 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Plainfield, IL

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Sauget, IL

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 30%	Corrosion & Scale Control pH Adjustment	165mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide 30%	Corrosion & Scale Control pH Adjustment	165mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Geismar Highway 75, LA

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 50%	Corrosion & Scale Control	100mg/L

NOTE: Only products bearing the "NSF 60" designation on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Baltimore, MD**Sodium Hydroxide****Trade Designation****Product Function****Max Use**

Caustic Soda 15%	Corrosion & Scale Control pH Adjustment	333mg/L
Caustic Soda 20%	Corrosion & Scale Control pH Adjustment	250mg/L
Caustic Soda 25%	Corrosion & Scale Control pH Adjustment	200mg/L
Caustic Soda 30%	Corrosion & Scale Control pH Adjustment	165mg/L
Caustic Soda 35%	Corrosion & Scale Control pH Adjustment	143mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : St. Paul Westway Terminal, MN**Sodium Hydroxide****Trade Designation****Product Function****Max Use**

Caustic Soda 25%	Corrosion & Scale Control	200mg/L
Caustic Soda 50%	Corrosion & Scale Control	100mg/L
Sodium Hydroxide 25%	Corrosion & Scale Control	200mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : St. Louis, MO**Sodium Hydroxide****Trade Designation****Product Function****Max Use**

Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Bayonne, NJ**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 50%	pH Adjustment	100mg/L
	Corrosion & Scale Control	
Sodium Hydroxide 50%	pH Adjustment	100mg/L
	Corrosion & Scale Control	

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Carteret, NJ**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Charlotte, NC**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 25%	Corrosion Control	200mg/L
	pH Adjustment	
Caustic Soda 32%	Corrosion Control	156mg/L
	pH Adjustment	
Caustic Soda 50%	Corrosion Control	100 mg/L
	pH Adjustment	
Sodium Hydroxide 25%	Corrosion Control	200mg/L
	pH Adjustment	
Sodium Hydroxide 32%	Corrosion Control	156mg/L
	pH Adjustment	
Sodium Hydroxide 50%	Corrosion Control	100 mg/L
	pH Adjustment	

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Wilmington, NC

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Strongsville, OH**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 10%	Corrosion & Scale Control	500mg/L
	pH Adjustment	
Caustic Soda 20%	Corrosion & Scale Control	250mg/L
	pH Adjustment	
Caustic Soda 25%	Corrosion & Scale Control	200mg/L
	pH Adjustment	
Caustic Soda 30%	Corrosion & Scale Control	165mg/L
	pH Adjustment	
Caustic Soda 35%	Corrosion & Scale Control	143mg/L
	pH Adjustment	
Caustic Soda 50%	Corrosion & Scale Control	100mg/L
	pH Adjustment	

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Twinsburg, OH**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 25%	Corrosion & Scale Control	200mg/L
	pH Adjustment	
Caustic Soda 50%	Corrosion & Scale Control	100mg/L
	pH Adjustment	

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Altoona, PA**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 10%	Corrosion & Scale Control pH Adjustment	500mg/L
Caustic Soda 20%	Corrosion & Scale Control pH Adjustment	250mg/L
Caustic Soda 25%	Corrosion & Scale Control pH Adjustment	200mg/L
Caustic Soda 35%	Corrosion & Scale Control pH Adjustment	143mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Bunola, PA

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 10%	Corrosion & Scale Control pH Adjustment	500mg/L
Caustic Soda 20%	Corrosion & Scale Control pH Adjustment	250mg/L
Caustic Soda 25%	Corrosion & Scale Control pH Adjustment	200mg/L
Caustic Soda 30%	Corrosion & Scale Control pH Adjustment	165mg/L
Caustic Soda 35%	Corrosion & Scale Control pH Adjustment	143mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Morrisville Steel Road, PA

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Philadelphia, PA**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Middletown, PA**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 10%	Corrosion & Scale Control pH Adjustment	500mg/L
Caustic Soda 20%	Corrosion & Scale Control pH Adjustment	250mg/L
Caustic Soda 25%	Corrosion & Scale Control pH Adjustment	200mg/L
Caustic Soda 35%	Corrosion & Scale Control pH Adjustment	143mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Providence, RI**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 10% Solution	Corrosion & Scale Control pH Adjustment	500mg/L
Caustic Soda 25% Solution	Corrosion & Scale Control pH Adjustment	200mg/L
Caustic Soda 35% Solution	Corrosion & Scale Control pH Adjustment	143mg/L
Caustic Soda 50% Solution	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Charleston, SC

Sodium Hydroxide	Product Function	Max Use
Trade Designation		
Caustic Soda 25%	Corrosion & Scale Control	200mg/L
	pH Adjustment	
Caustic Soda 50%	Corrosion & Scale Control	100mg/L
	pH Adjustment	
Sodium Hydroxide 25%	Corrosion & Scale Control	200mg/L
	pH Adjustment	
Sodium Hydroxide 50%	Corrosion & Scale Control	100mg/L
	pH Adjustment	

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Spartanburg, SC

Sodium Hydroxide	Product Function	Max Use
Trade Designation		
Caustic Soda 20%	Corrosion Control	250 mg/L
	pH Adjustment	
Caustic Soda 25%	Corrosion Control	200 mg/L
	pH Adjustment	
Caustic Soda 32%	Corrosion Control	156mg/L
	pH Adjustment	
Caustic Soda 50%	Corrosion Control	100 mg/L
	pH Adjustment	
Sodium Hydroxide 20%	Corrosion Control	250 mg/L
	pH Adjustment	
Sodium Hydroxide 25%	Corrosion Control	200 mg/L
	pH Adjustment	
Sodium Hydroxide 30-49%	Corrosion Control	100mg/L
	pH Adjustment	
Sodium Hydroxide 32%	Corrosion Control	156mg/L
	pH Adjustment	
Sodium Hydroxide 50%	Corrosion Control	100 mg/L
	pH Adjustment	
Weak Caustic	Corrosion Control	100mg/L
	pH Adjustment	

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Houston Luthe Road, TX**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Houston, TX

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda - 50%	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide - 50%	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Grantsville, UT

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 15%	pH Adjustment	333mg/L
Caustic Soda 20%	pH Adjustment	250mg/L
Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Salt Lake City, UT

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 30%	pH Adjustment	165mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Chester, VA**Sodium Hydroxide****Trade Designation**

Caustic Soda 25%

Product Function

Corrosion Control

Max Use

200mg/L

pH Adjustment

Caustic Soda 32%

Corrosion Control

156mg/L

pH Adjustment

Caustic Soda 50%

Corrosion Control

100mg/L

pH Adjustment

Sodium Hydroxide 25%

Corrosion Control

200mg/L

pH Adjustment

Sodium Hydroxide 32%

Corrosion Control

156mg/L

pH Adjustment

Sodium Hydroxide 50%

Corrosion Control

100mg/L

pH Adjustment

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Norfolk, VA**Sodium Hydroxide****Trade Designation**

Caustic Soda 50%

Product Function

Corrosion & Scale Control

Max Use

100mg/L

pH Adjustment

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Distribution Center - Vancouver, WA**Sodium Hydroxide****Trade Designation**

Caustic Soda 15%

Product Function

Corrosion & Scale Control

Max Use

333mg/L

Caustic Soda 20%

Corrosion & Scale Control

250mg/L

Caustic Soda 25%

Corrosion & Scale Control

200mg/L

Caustic Soda 30%

Corrosion & Scale Control

165mg/L

Caustic Soda 50%

Corrosion & Scale Control

100mg/L

Sodium Hydroxide 15%

Corrosion & Scale Control

333mg/L

Sodium Hydroxide 20%

Corrosion & Scale Control

250mg/L

Sodium Hydroxide 25%

Corrosion & Scale Control

200mg/L

Sodium Hydroxide 30%

Corrosion & Scale Control

165mg/L

Sodium Hydroxide 50%

Corrosion & Scale Control

100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Kent, WA

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 25%	Corrosion & Scale Control	200mg/L
Caustic Soda 50%	Corrosion & Scale Control	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Tacoma, WA

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 25%	Corrosion & Scale Control	200mg/L
Sodium Hydroxide 25%	Corrosion & Scale Control	200mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Cincinnati Dues Drive, OH

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 10%	Corrosion & Scale Control pH Adjustment	500mg/L
Caustic Soda 12.5%	Corrosion & Scale Control pH Adjustment	400mg/L
Caustic Soda 20%	Corrosion & Scale Control pH Adjustment	250mg/L
Caustic Soda 25%	Corrosion & Scale Control pH Adjustment	200mg/L
Caustic Soda 30%	Corrosion & Scale Control pH Adjustment	165mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Dallas Bekay Street, TX

Sodium Hydroxide

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

Caustic Soda 20%	Corrosion Control pH Adjustment	250mg/L
Caustic Soda 25%	Corrosion Control pH Adjustment	200mg/L
Caustic Soda 50%	Corrosion Control pH Adjustment	100mg/L
Sodium Hydroxide 20%	Corrosion Control pH Adjustment	250mg/L
Sodium Hydroxide 25%	Corrosion Control pH Adjustment	200mg/L
Sodium Hydroxide 50%	Corrosion Control pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Houston Brisbane, TX

Sodium Hydroxide	Product Function	Max Use
<i>Trade Designation</i> Caustic Soda 20%	Corrosion & Scale Control pH Adjustment	250 mg/L
Caustic Soda 25%	Corrosion & Scale Control pH Adjustment	200 mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100 mg/L
Sodium Hydroxide 20%	Corrosion & Scale Control pH Adjustment	250 mg/L
Sodium Hydroxide 25%	Corrosion & Scale Control pH Adjustment	200 mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control pH Adjustment	100 mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Facility : Phoenix 45th Avenue, AZ

Sodium Hydroxide	Product Function	Max Use
<i>Trade Designation</i> Caustic Soda 25%	pH Adjustment	200mg/L
Caustic Soda 50%	pH Adjustment	100mg/L

NOTE: Only products bearing the "NSF 60" designation are Certified by NSF International.

Univar USA Inc.

17411 Northeast Union Hill Road
 Redmond, WA 98052
 United States
 425-889-3679

Facility : Rayong Province, Thailand

Sodium Hydroxide

Trade Designation

Caustic Soda Micropearls

Product Function

Corrosion & Scale Control
 pH Adjustment

Max Use

100mg/L

Univar USA Inc.

17425 Northeast Union Hill Road
 Redmond, WA 98052
 United States
 425-889-3496

Facility : # 19 Mountain Pass, CA

Sodium Hydroxide

Trade Designation

Sodium Hydroxide, 50% Solution, Membrane Grade

Product Function

pH Adjustment

Max Use

100mg/L

Number of matching Manufacturers is 3

Number of matching Products is 250

Processing time was 1 seconds

DATE: 6/03/2015

Page: 5

BID NO.: 50-00113475

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO X

MAXIMUM ESCALATION PERCENTAGE REQUESTED N/A %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF December 14, 2017

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

48 Hours After Receipt of Order

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

Not Applicable

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Brenntag Southwest, Inc.

ADDRESS: 1632 Haden Road

CITY, STATE: Houston, Texas ZIP: 77015

TELEPHONE: (713) 330-8570 FAX: (713) 450-4699

EMAIL ADDRESS: gtollefsen@brenntag.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: Not Applicable

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 106,280.50

AUTHORIZED SIGNATURE: W. Thomas Crain, Jr.

W. Thomas Crain, Jr.

Printed Name

TITLE: Vice President

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

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

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00113475

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			<p>TWO YEAR CONTRACT FOR THE SUPPLY OF LIQUID CAUSTIC SODA</p> <p>Two year contract for a supply of Liquid Caustic Soda (50 percent by weight and 25 percent by weight) in bulk deliveries for the Jefferson Parish Department of Sewerage.</p>		
1	10,000.00	GL	<p>0010 Liquid Caustic Soda 50 Percent - Water-white solution containing 50 percent of sodium hydroxide by weight.</p>	\$1.76/Gal	\$17,600.00
2	85,000.00	GL	<p>0020 Liquid Caustic Soda 25 Percent - Clear solution containing 25 percent of sodium hydroxide by weight.</p>	\$1.0433/Gal	\$88,680.50
			<p>WasteWater - EB 2 Humane Way Jefferson , LA 70123</p> <p>Sewerage Office - WB 1440 River Park Rd Bridge City , LA 70094</p>		

Non-Public Works Bid

AFFIDAVIT

STATE OF Texas

PARISH/COUNTY OF Dallas

BEFORE ME, the undersigned authority, personally came and appeared: _____

W. Thomas Crain, Jr., (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized Vice President of Brenntag Southwest, Inc. (Entity), the party who submitted a bid in response to Bid Number 50-00113475, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

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

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

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

Debt Disclosures

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

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

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

Affiant further said:

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

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

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

W. Thomas Crain, Jr.
Signature of Affiant

W. Thomas Crain, Jr.
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

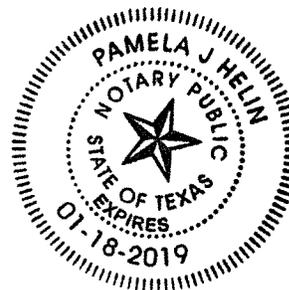
ON THE 11th DAY OF June, 2015.

Pamela J. Helin
Notary Public

Pamela J. Helin
Printed Name of Notary

01000177-6
Notary/Bar Roll Number

My commission expires 01/18/19.



Tom Schedler
Secretary of State

**State of
Louisiana
Secretary of
State**



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
BRENNTAG SOUTHWEST, INC.	Business Corporation (Non-Louisiana)	LANCASTER	Active

Previous Names

DELTA DISTRIBUTORS, INC. (Changed: 5/22/2001)

Business: BRENNTAG SOUTHWEST, INC.

Charter Number: 34313102F

Registration Date: 9/12/1988

Domicile Address

704 EAST WINTERGREEN ROAD
LANCASTER, TX 75134

Mailing Address

704 EAST WINTERGREEN ROAD
LANCASTER, TX 75134

Principal Business Office

704 EAST WINTERGREEN ROAD
LANCASTER, TX 75134

Registered Office in Louisiana

5615 CORPORATE BLVD., STE. 400B
BATON ROUGE, LA 70808

Principal Business Establishment in Louisiana

7200 HWY. 74
ST. GABRIEL, LA 70776

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 9/12/1988

Last Report Filed: 8/15/2014

Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent:	C T CORPORATION SYSTEM
Address 1:	5615 CORPORATE BLVD., STE. 400B

City, State, Zip: BATON ROUGE, LA 70808

Appointment Date: 9/12/1988

Officer(s)

Additional Officers: No

Officer: JAMES H. TAYLOR
Title: Director, President
Address 1: 704 EAST WINTERGREEN ROAD
City, State, Zip: LANCASTER, TX 75134

Officer: W. THOMAS CRAIN, JR.
Title: Vice-President
Address 1: 704 EAST WINTERGREEN ROAD
City, State, Zip: LANCASTER, TX 75134

Officer: H EDWARD BOYADJIAN
Title: Secretary, Director
Address 1: 5083 POTTSVILLE PIKE
City, State, Zip: READING, PA 19605

Officer: JAMES P DOYLE
Title: Director
Address 1: 704 EAST WINTERGREEN ROAD
City, State, Zip: LANCASTER, TX 75134

Officer: CAROL RAY
Title: Vice-President, Officer
Address 1: 704 EAST WINTERGREEN ROAD
City, State, Zip: LANCASTER, TX 75134

Officer: ROBERT WINSLOW
Title: Officer
Address 1: 5083 POTTSVILLE PIKE
City, State, Zip: READING, PA 19605

Mergers (2)

Filed Date	Effective Date:	Type	Charter#	Chater Name	Role
9/27/1989	9/27/1989	MERGE	34313102F	BRENNTAG SOUTHWEST, INC.	SURVIVOR
			29520790F	DELTA DISTRIBUTORS, INC. OF LOUISIANA	NON-SURVIVOR
5/2/2013	5/2/2013	MERGE	34313102F	BRENNTAG SOUTHWEST, INC.	SURVIVOR
			41083149F	ALTIVIA CORPORATION	NON-SURVIVOR

Amendments on File (5)

Description	Date
Merger	9/27/1989

Stmnt of Chg or Chg Prin Bus Off	2/1/1993
Name Change	5/22/2001
Stmnt of Chg or Chg Prin Bus Off	1/29/2008
Merger	5/2/2013

Print

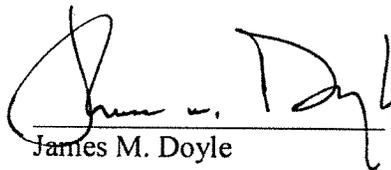
BRENNTAG SOUTHWEST, INC.
CONSENT IN LIEU OF A MEETING
OF THE BOARD OF DIRECTORS

The undersigned, being all the members of the Board of Directors of Brenntag Southwest, Inc., a Texas corporation, (the "Corporation"), hereby unanimously consent to the following resolution with the same force and effect as if said resolution had been adopted at a meeting of the Board of Directors.

RESOLVED, that the following persons be, and hereby are, appointed to serve as officers of the Corporation in the capacities set forth opposite their respective names, each to hold such office until their respective successors are duly appointed and qualified or until their earlier death, resignation or removal:

James H. Taylor	President
W. Thomas Crain, Jr.	Vice President
Carol Ray	VP Finance and Assistant Secretary
H. Edward Boyadjian	Secretary
Robert J. Winslow	Tax Officer

DATED: As of April 15, 2015


James M. Doyle

H. Edward Boyadjian

James H. Taylor

BRENNTAG SOUTHWEST, INC.
CONSENT IN LIEU OF A MEETING
OF THE BOARD OF DIRECTORS

The undersigned, being all the members of the Board of Directors of Brenntag Southwest, Inc., a Texas corporation, (the "Corporation"), hereby unanimously consent to the following resolution with the same force and effect as if said resolution had been adopted at a meeting of the Board of Directors.

RESOLVED, that the following persons be, and hereby are, appointed to serve as officers of the Corporation in the capacities set forth opposite their respective names, each to hold such office until their respective successors are duly appointed and qualified or until their earlier death, resignation or removal:

James H. Taylor	President
W. Thomas Crain, Jr.	Vice President
Carol Ray	VP Finance and Assistant Secretary
H. Edward Boyadjian	Secretary
Robert J. Winslow	Tax Officer

DATED: As of April 15, 2015

James M. Doyle



H. Edward Boyadjian

James H. Taylor

**BRENNTAG SOUTHWEST, INC.
CONSENT IN LIEU OF A MEETING
OF THE BOARD OF DIRECTORS**

The undersigned, being all the members of the Board of Directors of Brenntag Southwest, Inc., a Texas corporation, (the "Corporation"), hereby unanimously consent to the following resolution with the same force and effect as if said resolution had been adopted at a meeting of the Board of Directors.

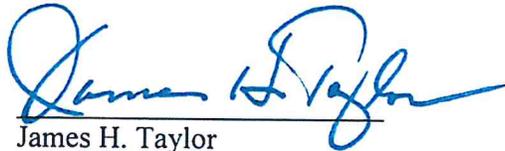
RESOLVED, that the following persons be, and hereby are, appointed to serve as officers of the Corporation in the capacities set forth opposite their respective names, each to hold such office until their respective successors are duly appointed and qualified or until their earlier death, resignation or removal:

James H. Taylor	President
W. Thomas Crain, Jr.	Vice President
Carol Ray	VP Finance and Assistant Secretary
H. Edward Boyadjian	Secretary
Robert J. Winslow	Tax Officer

DATED: As of April 15, 2015

James M. Doyle

H. Edward Boyadjian



James H. Taylor

Form **W-9**
(Rev. January 2003)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

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

Print or type
See Specific Instructions on page 2.

Name
BRENNTAG SOUTHWEST INC

Business name, if different from above

Check appropriate box: Individual/
Sole proprietor Corporation Partnership Other Exempt from backup
withholding

Address (number, street, and apt. or suite no.)
P.O. BOX 970230

City, state, and ZIP code
DALLAS, TX 75397-0230

List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

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

Social security number

--	--	--	--	--	--	--	--	--	--

or

Employer identification number

7	5	1	8	9	8	3	7	8
---	---	---	---	---	---	---	---	---

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

Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here Signature of U.S. person *Stinger Schmidt* Date

Purpose of Form

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

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

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee.

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

Foreign person. If you are a foreign person, use the appropriate Form W-8 (see Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien.

Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the recipient has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement that specifies the following five items:

- The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
- The treaty article addressing the income.
- The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
- The type and amount of income that qualifies for the exemption from tax.
- Sufficient facts to justify the exemption from tax under the terms of the treaty article.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/22/2014

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

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

PRODUCER Marsh USA Inc. 1717 Arch Street Philadelphia, PA 19103-2797	CONTACT NAME: PHONE (A/C, No, Ext): _____ FAX (A/C, No): _____	
	E-MAIL ADDRESS: _____	
424780-ALL-GAW-15-16	INSURER(S) AFFORDING COVERAGE	
INSURED Brennag Southwest, Inc. 610 Fisher Road Longview, TX 75604	INSURER A: Insurance Company Of The State Of PA	NAIC # 19429
	INSURER B: Greenwich Insurance Company	22322
	INSURER C: XL Specialty Insurance Company	37885
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** CLE-003964424-05 **REVISION NUMBER:** 7

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY			GL 0696955	01/01/2015	01/01/2016	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000
B	AUTOMOBILE LIABILITY			RAD943713310	01/01/2015	01/01/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	EXCESS LIAB						AGGREGATE \$
	DED						RETENTION \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			RWR943509010 (W)	01/01/2015	01/01/2016	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
C	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A	RWD943509110 (AOS)	01/01/2015	01/01/2016	E.L. EACH ACCIDENT \$ 2,000,000
C	If yes, describe under DESCRIPTION OF OPERATIONS below			RWD943544101 (AK)	01/01/2015	01/01/2016	E.L. DISEASE - EA EMPLOYEE \$ 2,000,000
							E.L. DISEASE - POLICY LIMIT \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 Jefferson Parish is included as Additional Insured except for Workers Compensation, where required by written contract.

CERTIFICATE HOLDER Jefferson Parish Attn: Purchasing Department 200 Derbigny St, Ste. 4400 Gretna, LA 70053	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE of Marsh USA Inc. Manashi Mukherjee
--	--

© 1988-2010 ACORD CORPORATION. All rights reserved.

TECHNICAL DATA SHEET

*Industrial Chemical**SODIUM HYDROXIDE 20-50%*

SODIUM HYDROXIDE is a common industrial chemical used as a raw material and chemical processing aid in the manufacture of finished goods in a wide variety of industries. **SODIUM HYDROXIDE** is also used in water treatment to adjust pH.

Typical Physical Properties

Appearance	Colorless or slightly colored, clear or opaque
Odor	Odorless
Solubility in Water	Complete
Specific Gravity	
- 20% Solution	1.231 at 15.5°C (60°F)
- 50% Solution	1.53 at 15.5°C (60°F)
Vapor Pressure	1.5 mm Hg at 20°C (68°F)
Freezing Point	< 12°C (53.6°C)
pH (5% Solution)	> 14

Typical properties are listed for information only, and are not to be considered as specification requirements. These items are not analyzed on a routine basis.

Typical Application

- pH Control
- Acid Neutralization
- Off-gas Scrubbing
- Catalyst
- Chemical Stabilizer
- Raw Material
- Processing Aid

SODIUM HYDROXIDE is used in the manufacturing process as a raw material or processing aid. Industrial processes where **SODIUM HYDROXIDE** is commonly used include pulp and paper manufacturing, oil and gas processing, water treatment, food processing, refining, mining, metal processing, glass making, textile processing, chemical stabilizer, and the manufacture of personal care products.

Typical Feed Requirements

SODIUM HYDROXIDE is generally applied using chemical metering pumps specifically designed for feeding **SODIUM HYDROXIDE** which are constructed of compatible materials. Dose rates will vary with the application.

For additional treatment information, including dosage specific to your application, please contact your Brenntag Southwest, Inc. representative.

Storage and Handling

Store in a closed, properly labeled tanks or containers away from heat, cold, direct sunlight, and incompatible materials such as acids and aluminum. Always use care when opening containers and keep tightly closed when not in use. Do not reuse containers. Aluminum equipment should not be used for storage and/ or transfer of sodium hydroxide.

SODIUM HYDROXIDE is corrosive. Do not get in eyes, on skin or on clothing. Avoid breathing mist. Do not taste or swallow. Wear personal protective equipment, such as goggles or safety glasses, gloves and other protective clothing when handling.

See Material Safety Data Sheet for additional safety information before storing or handling **SODIUM HYDROXIDE**.

Packaging

SODIUM HYDROXIDE is typically available in 55-gallon drums, totes, and in bulk quantities. For further information, please contact your Brenntag Southwest, Inc. representative.

1. Identification

Product identifier SODIUM HYDROXIDE 25%
Other means of identification None.
Recommended use ALL PROPER AND LEGAL PURPOSES
Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Brenntag Southwest, Inc.
Address 610 Fisher Road
 Longview, TX 75604
Telephone 903-759-7151
E-mail Not available.
Emergency phone number 800-424-9300 CHEMTREC

2. Hazard(s) identification

Physical hazards Not classified.
Health hazards Skin corrosion/irritation Category 1A
 Serious eye damage/eye irritation Category 1
Environmental hazards Hazardous to the aquatic environment, acute hazard Category 3
 Hazardous to the aquatic environment, long-term hazard Category 3
OSHA defined hazards Not classified.

Label elements



Signal word Danger
Hazard statement Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement

Prevention Do not breathe mist or vapor. Wash thoroughly after handling. Avoid release to the environment. Wear eye protection/face protection. Wear protective gloves/protective clothing/eye protection/face protection.

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

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
SODIUM HYDROXIDE (NA(OH))		1310-73-2	25
Other components below reportable levels			75

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling	Provide adequate ventilation. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
--------------------------------------	---

Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)	PEL	2 mg/m3

US. ACGIH Threshold Limit Values

Components	Type	Value
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)	Ceiling	2 mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)	Ceiling	2 mg/m3

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other

Wear appropriate chemical resistant clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state

Liquid.

Form

Liquid.

Color

CLEAR COLORLESS

Odor

ODORLESS

Odor threshold

Not available.

pH

Not available.

Melting point/freezing point

613.4 °F (323 °C) estimated / 23 °F (-5 °C)

Initial boiling point and boiling range

791.6 °F (422 °C) estimated

Flash point

999.0 °F (537.2 °C)

Evaporation rate

Not available.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not available.

Flammability limit - upper (%)

Not available.

Explosive limit - lower (%)

Not available.

Material name: SODIUM HYDROXIDE 25%

666793 Version #: 06 Revision date: 06-08-2015 Issue date: 04-05-2015

SDS US

3 / 7

Explosive limit - upper (%)	Not available.
Vapor pressure	0.33 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	17.77 lbs/gal estimated
Explosive properties	Not explosive.
Flammability class	Combustible III B estimated
Oxidizing properties	Not oxidizing.
Percent volatile	50 % estimated
Specific gravity	2.13 estimated

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong acids.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause irritation to the respiratory system. Prolonged inhalation may be harmful.
Skin contact	Causes severe skin burns.
Eye contact	Causes serious eye damage.
Ingestion	Causes digestive tract burns.

Symptoms related to the physical, chemical and toxicological characteristics Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity	Not available.
Skin corrosion/irritation	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Causes serious eye damage.

Respiratory or skin sensitization

Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Explosive limit - upper (%)	Not available.
Vapor pressure	0.17 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	17.77 lbs/gal estimated
Explosive properties	Not explosive.
Flammability class	Combustible III B estimated
Oxidizing properties	Not oxidizing.
Percent volatile	75 % estimated
Specific gravity	2.13 estimated

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong acids.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause irritation to the respiratory system. Prolonged inhalation may be harmful.
Skin contact	Causes severe skin burns.
Eye contact	Causes serious eye damage.
Ingestion	Causes digestive tract burns.

Symptoms related to the physical, chemical and toxicological characteristics Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity	Not available.
Skin corrosion/irritation	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Causes serious eye damage.
Respiratory or skin sensitization	
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
Not listed.	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.
 Specific target organ toxicity - repeated exposure Not classified.
 Aspiration hazard Not an aspiration hazard.
 Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Components	Species	Test Results
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)		
Aquatic		
Crustacea	EC50 Water flea (Ceriodaphnia dubia)	34.59 - 47.13 mg/l, 48 hours
Fish	LC50 Western mosquitofish (Gambusia affinis)	125 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.
 Bioaccumulative potential No data available.
 Mobility in soil No data available.
 Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
 Local disposal regulations Dispose in accordance with all applicable regulations.
 Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
 Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
 Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

UN number UN1824
 UN proper shipping name SODIUM HYDROXIDE SOLUTION
 Transport hazard class(es)
 Class 8
 Subsidiary risk -
 Packing group II
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
 ERG number 154

DOT information on packaging may be different from that listed.

DOT



15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

US. Massachusetts RTK - Substance List

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

US. New Jersey Worker and Community Right-to-Know Act

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

US. Pennsylvania Worker and Community Right-to-Know Law

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

US. Rhode Island RTK

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 04-05-2015

Revision date 06-08-2015

Version # 06

HMS® ratings
 Health: 3
 Flammability: 0
 Physical hazard: 0

NFPA ratings
 Health: 3
 Flammability: 0
 Instability: 0

Disclaimer BNA cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

1. Identification

Product identifier SODIUM HYDROXIDE 50%
Other means of identification None.
Recommended use ALL PROPER AND LEGAL PURPOSES
Recommended restrictions None known.
Manufacturer/Importer/Supplier/Distributor information
Manufacturer
Company name Brenntag Southwest, Inc.
Address 610 Fisher Road
 Longview, TX 75604
Telephone 903-759-7151
E-mail Not available.
Emergency phone number 800-424-9300 CHEMTREC

2. Hazard(s) identification

Physical hazards Not classified.
Health hazards Skin corrosion/irritation Category 1A
 Serious eye damage/eye irritation Category 1
Environmental hazards Hazardous to the aquatic environment, acute hazard Category 3
 Hazardous to the aquatic environment, long-term hazard Category 3
OSHA defined hazards Not classified.

Label elements



Signal word Danger
Hazard statement Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.
Precautionary statement
Prevention Do not breathe mist or vapor. Wash thoroughly after handling. Avoid release to the environment. Wear eye protection/face protection. Wear protective gloves/protective clothing/eye protection/face protection.
Response If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash contaminated clothing before reuse.
Storage Store locked up.
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC) None known.
Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
SODIUM HYDROXIDE (NA(OH))		1310-73-2	50
Other components below reportable levels			50

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling	Provide adequate ventilation. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
--------------------------------------	---

Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)	PEL	2 mg/m ³

US. ACGIH Threshold Limit Values

Components	Type	Value
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)	Ceiling	2 mg/m ³

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)	Ceiling	2 mg/m ³

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other

Wear appropriate chemical resistant clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state

Liquid.

Form

Liquid.

Color

CLEAR COLORLESS

Odor

ODORLESS

Odor threshold

Not available.

pH

Not available.

Melting point/freezing point

613.4 °F (323 °C) estimated / 60 °F (15.56 °C)

Initial boiling point and boiling range

1371.2 °F (744 °C) estimated

Flash point

999.0 °F (537.2 °C)

Evaporation rate

Not available.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not available.

Flammability limit - upper (%)

Not available.

Explosive limit - lower (%)

Not available.

Material name: SODIUM HYDROXIDE 50%

289641 Version #: 08 Revision date: 06-05-2015 Issue date: 05-13-2015

SDS US

3 / 7

Specific target organ toxicity - single exposure Not classified.
 Specific target organ toxicity - repeated exposure Not classified.
 Aspiration hazard Not an aspiration hazard.
 Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Components	Species	Test Results
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)		
Aquatic		
Crustacea	EC50	Water flea (Ceriodaphnia dubia) 34.59 - 47.13 mg/l, 48 hours
Fish	LC50	Western mosquitofish (Gambusia affinis) 125 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.
 Bioaccumulative potential No data available.
 Mobility in soil No data available.
 Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
 Local disposal regulations Dispose in accordance with all applicable regulations.
 Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
 Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
 Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

UN number UN1824
 UN proper shipping name SODIUM HYDROXIDE SOLUTION
 Transport hazard class(es)
 Class 8
 Subsidiary risk -
 Packing group II
 Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
 ERG number 154
 DOT information on packaging may be different from that listed.

DOT



15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

US. Massachusetts RTK - Substance List

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

US. New Jersey Worker and Community Right-to-Know Act

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

US. Pennsylvania Worker and Community Right-to-Know Law

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

US. Rhode Island RTK

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	05-13-2015
Revision date	06-05-2015
Version #	08
HMIS® ratings	Health: 3 Flammability: 0 Physical hazard: 0
NFPA ratings	Health: 3 Flammability: 0 Instability: 0
Disclaimer	BNA cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

**JEFFERSON PARISH
DEPARTMENT OF SEWERAGE
SPECIFICATIONS FOR LIQUID CAUSTIC SODA
(50 PERCENT & 25 PERCENT OF SODIUM HYDROXIDE BY WEIGHT)
IN BULK DELIVERIES**

GENERAL

Specifications for a two year contract for a supply of Liquid Caustic Soda (50 percent by weight and 25 percent by weight) in bulk deliveries for the Jefferson Parish Department of Sewerage. The quantity shown on this bid represents an approximate quantity to be purchased over the two year period. Actual usage will be on an as needed basis.

PRODUCT SPECIFICATIONS

The liquid caustic soda furnished under these specifications will be used as a chemical additive for the chemical scrubbers at the Eastbank Wastewater Treatment Plant.

- A. Liquid Caustic Soda 50 Percent – Water-white solution containing 50 percent of sodium hydroxide by weight.
- B. Liquid Caustic Soda 25 Percent – Clear solution containing 25 percent of sodium hydroxide by weight.

COMPONENT	BASIS	SPECIFICATIONS
Total Alkalinity	wt.%	38.7 minimum
Hydroxide Alkalinity	wt.%	50.0 minimum
Na ₂ CO ₃	wt.%	0.09 maximum
NaCl	wt.%	0.0005 maximum
NaClO ₃	wt.%	.25 maximum
Na ₂ SO ₄	PPM by wt.	25 maximum
Iron (Fe)	PPM by wt.	3 maximum
Copper (Cu)	PPM by wt.	0.3 maximum

Nickel (Ni)	PPM by wt.	0.3 maximum
Mercury (Hg)	PPM by wt.	0.4 maximum
Arsenic (As)	PPM by wt.	1.5 maximum
Heavy Metal	PPM by wt.	15.0 maximum

DELIVERIES

Deliveries shall be made by suitable motor carrier, in D.O.T. approved containers. Vendor shall be responsible for the safe delivery of the liquid caustic solution into bulk storage tanks owned by Jefferson Parish. The delivery truck and equipment shall be a self-contained system. Jefferson Parish will not provide the vendor with any utilities (electricity, compressed air, etc.) at the delivery site. Vendor must provide all required pipe fittings and sufficient lengths of hoses. Vendor shall visit the delivery site and familiarize him/herself with the area.

Orders shall be shipped within 48 hours after receipt of purchase order.

Shipments shall be made, according to users need, to the following location:

Eastbank Wastewater Treatment Plant
 #2 Humane Way
 Harahan, LA 70123

SPILLS & SAFETY PRECAUTIONS

The vendor shall adhere to all safety precautions in the handling of this hazardous chemical. Specifically, vendor's personnel must wear safety eye protection and chemical resistant gloves. Delivery personnel must be in complete control of the material while unloading into the tanks. In the event of a spill, the delivery personnel must be capable of determining the proper remedial actions and proceed immediately to remediate the site properly. In the event of a substantial spill, the Jefferson Parish Department of Environmental Affairs shall be notified. The vendor may be required to provide a plan of action and Jefferson Parish must approve its resolution.

INVOICING

The vendor shall not advance delivery of any material without a proper purchase order number from the Department of Sewerage, except in the case of a Director Declared Emergency.

Invoices shall include amount of material delivered, purchase order number, and date of delivery; and must be sent to:

Department Of Sewerage
1221 Elmwood Park Blvd., Suite 803
Harahan, LA 70123

TECHNICAL INFORMATION

The bidder shall submit material safety data sheets and product data sheets within 10 calendar days after the bid opening.

INSURANCE REQUIREMENTS - BIDS

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

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

1. WORKER'S COMPENSATION INSURANCE

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

2. COMMERCIAL GENERAL LIABILITY

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

3. COMPREHENSIVE AUTOMOBILE LIABILITY

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

DEDUCTIBLES

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

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

UMBRELLA LIABILITY COVERAGE

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

CONSTRUCTION AND RENOVATION PROJECTS:

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

OWNER'S PROTECTIVE LIABILITY

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

BUILDER'S RISK INSURANCE

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

NOTE for CERTIFICATE HOLDER:

All insurance certificates shall list the certificate holder as follows:

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

Revised 2.10.2014

Non-Public Works Bid Affidavit Instructions

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

Instruction sheet may be omitted when submitting the affidavit



Bid Number 50 - 00113475

Two Year Contract for the Supply of Liquid Caustic Soda for the
Jefferson Parish Department of Sewerage

June 18, 2015 for 2:00pm

ATTENTION VENDORS!!!

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

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Ms. Laniel L. Francis
lfrancis@jeffparish.net
504.364.2690**

DATE: 6/03/2015

INVITATION TO BID
THIS IS NOT AN ORDER

BID NO.: 50-00113475

JEFFERSON PARISH

Page: 1

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

BUYER: LFRANCIS@jeffparish.net

BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 6/18/2015 AND PUBLICLY OPENED THEREAFTER.

LATE BIDS WILL NOT BE ACCEPTED

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

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

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

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

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ADDITIONAL REQUIREMENTS FOR THIS BID

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

10,12,13,15

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

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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

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