

ORIGINAL

INFORMAL BID NO.: IFB150160

LEE COUNTY, FLORIDA
PROPOSAL QUOTE FORM
FOR
ANNUAL PURCHASE OF SODIUM HYPOCHLORITE

DATE SUBMITTED: March 5, 2015

VENDOR NAME: Davis Supply, Inc.

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

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

NOTE REQUIREMENT: IT IS THE SOLE RESPONSIBILITY OF THE VENDOR TO CHECK LEE COUNTY PROCUREMENT MANAGEMENT WEB SITE FOR ANY PROJECT ADDENDA ISSUED FOR THIS PROJECT. THE COUNTY WILL POST ADDENDA TO THIS WEB PAGE, BUT WILL NOT NOTIFY.

The undersigned acknowledges receipt of Addenda numbers: N/A

SODIUM HYPOCHLORITE – COST PER GALLON:

\$ 1.12 PER U.S. GALLON

NOTE: LEE COUNTY DESIRES TO HAVE A MINIMUM DELIVERY REQUIREMENT OF APPROXIMATELY 300 GALLONS TO ONE LOCATION. IN THE SPACE PROVIDED BELOW, PLEASE SPECIFY YOUR COMPANY'S MINIMUM DELIVERY REQUIREMENT – ALSO INDICATE IF THAT REQUIREMENT IS PER POOL; OR IF IT IS A CUMULATIVE DELIVERY TOTAL FOR SEVERAL POOLS.

MINIMUM DELIVERY REQUIREMENTS: 200 gallons per location

ARE THESE REQUIREMENTS (CIRCLE ONE):

PER POOL LOCATION or CUMULATIVE

WILL YOU (PLEASE CHECK AS APPROPRIATE):

USE LEE COUNTY'S TANKS: Yes

SUPPLY TANKS: Yes, if needed

TO BE DELIVERED WITHIN three CALENDAR DAYS AFTER RECEIPT OF AWARD AND PURCHASE ORDER.

WILL YOU DELIVER WITH YOUR OWN VEHICLES AS OPPOSED TO COMMON CARRIER?

YES X NO _____

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

Are there any modifications to the quote or specifications?

YES X NO _____

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or on a separate page may be grounds for the quoter being declared nonresponsive or to have the award of the quote rescinded by the County.

MODIFICATIONS:

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

ANTI-COLLUSION STATEMENT

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

FIRM NAME: Davis Supply, Inc.

BY (Printed): James H. Davis

BY (Signature): 

TITLE: President

FEDERAL ID # OR S.S.# 59-3482276

ADDRESS: PO Box 60095
Fort Myers, FL 33906

PHONE NO.: 239-931-6700 x3

FAX NO.: 239-931-6703

CELLULAR PHONE/PAGER NO.: 239-989-2553

DUNS#: 112481192

LEE COUNTY LOCAL BUSINESS TAX ACCOUNT NUMBER:
021903

E-MAIL ADDRESS: jdavis@dsichemicals.com

DISADVANTAGED BUSINESS ENTERPRISE (DBE): _____

AFFIDAVIT CERTIFICATION
IMMIGRATION LAWS

SOLICITATION NO.: IFB150160 PROJECT NAME: Annual Purchase of Sodium Hypochlorite

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

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

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

Company Name: Davis Supply, Inc.
James H. Davis President March 5, 2015
Signature Title Date

STATE OF Florida
COUNTY OF Lee

The foregoing instrument was signed and acknowledged before me this 5th day of March, 2015

20 15, by James H. Davis who has produced

(Print or Type Name)

FL Driver License, D120-448-37-430-0 as identification.

(Type of Identification and Number)

Beverly R. Stanfield
Notary Public Signature

Beverly R. Stanfield
Printed Name of Notary Public

NOTARY PUBLIC-STATE OF FLORIDA
Beverly R. Stanfield

Commission # EE109039
Notary Public Signature Number Expiration
JULY 13, 2015
BONDED THRU ATLANTIC BONDING CO., INC.

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

**Davis Supply, Inc.
PO Box 60095
Fort Myers, FL 33906**

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

Sealed Bid
Bid No.: IFB150160
Bid Name: Annual Purchase of Sodium Hypochlorite
Bid Date: March 5, 2015 @ 2:30 pm

DAVIS Supply Inc
IFB 150160
DJ

MAR 5 PM 2:11

Davis Supply, Inc.

PO Box 60095
Ft Myers, FL 33906-6095
(239) 931-6700 • Fax (239) 931-6703
January 1, 2015



Sodium Hypochlorite

Davis Supply, Inc. has operated for nearly 18 years under the guidance of its sole president, James Davis. At this time our chief objective is to provide quality products and customer service over and beyond any other company in the chemical business. During the course of business, Davis Supply, Inc. has never had a contract terminated early due to safety, quality, or service issues for any product we supply. Nether have we ever used any litigation or claim to dispute a government contract.

Davis Supply, Inc. is dedicated to providing quality service and products. Our Sodium Hypochlorite passes through a Hayward 5 Micron Filtration system before loading our trucks to ensure a clean product for our customers. Our Sodium Hypochlorite is certified to comply with all requirements of this Specification and AWWA Standard B300-80, latest revision. A Certificate of Analysis is always available upon request.

Davis Supply, Inc. guarantees that all of our tanks, fleet of trucks, and equipment shall be clean and free of sediment, and an accurate accounting of Sodium Hypochlorite delivered by utilizing Electro-Magnetic Flowmeters. With this flowmeter, there is no guess work in the quantity delivered.

Davis Supply, Inc. has a 24/7 hot line, 239-931-6700. James Davis is always available to respond to your needs.

Sincerely,

James H. Davis
President



Lee County Tax Collector

2480 Thompson Street
Fort Myers, Florida 33901
www.leetc.com Tel: 239.533.6000

Local Business Tax Account: 0201903

Dear Business Owner:

Your 2014-2015 Lee County Local Business Tax Receipt is attached below. The receipt is non-regulatory and is issued using the information currently on file with our office. It does not signify compliance with zoning, health or other regulatory requirements nor is it an endorsement of work quality.

Annual account renewal notices are mailed in August to the address of record at that time; to ensure delivery of your annual notice, mailing addresses may be updated online at www.leetc.com. If there is a change in the business name, ownership, physical location or if the business is being closed, please follow the instructions on the back of this letter to transfer or to close the account.

I hope you have a successful year.

Lee County Tax Collector

POSTED
Pd 7-24-14

Detach and display bottom portion and keep upper portion for your records

LEE COUNTY LOCAL BUSINESS TAX RECEIPT 2014 - 2015



ACCOUNT NUMBER: 0201903

ACCOUNT EXPIRES SEPTEMBER 30, 2015

Location
2269 PALM AVE
FT MYERS FL 33916

DAVIS SUPPLY INC
DAVIS SUPPLY INC
P O BOX 600905
FT MYERS FL 339066095

May engage in the business of:	
WHOLESALE	
THIS LOCAL BUSINESS TAX RECEIPT IS NON REGULATORY	

THIS IS NOT A BILL - DO NOT PAY	
PAID 019342-153-1	07/28/2014 11:47
DP500	\$50.00



The City of Fort Myers, Florida

Community Development Department
1825 Hendry Street, #101
Fort Myers, Florida 33901
239-321-7990

MERCHANT - WHOLESALE

Effective 09/19/2014: For Year October 1, 2014 through September 30, 2015

DAVIS SUPPLY INC	
P O BOX 60095	
FORT MYERS FL 33906	Business Tax #: BUS2012-00341

Dear Business Owner:

Your City of Ft Myers Business Tax Receipt is enclosed below.

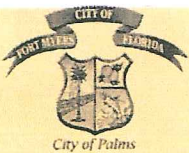
This receipt is NOT a license to conduct business.

It is ONLY a Receipt for Business Taxes paid for Fiscal Year 2014-2015.

Annual renewal notices are mailed in August to the address of record at that time.

If you need to transfer your Business Tax due to a change in business name, ownership, location and/or are closing the business, please come to our office at 1825 Hendry St. Suite #101 to have the records updated accordingly.

Detach and post the receipt portion below with your business Certificate of Use in a conspicuous place at your business location prior to opening the business, or engaging in business activity of any kind.



CITY OF FORT MYERS FLORIDA Business Tax Receipt 2014 - 2015



Effective 09/19/2014 For Receipt Year October 1, 2014 through September 30, 2015

2269 PALM AVE

**DAVIS SUPPLY INC
Business Tax #: BUS2012-00341**

Is hereby registered* business, profession, or occupation of:

ALCOHOL SALES PERMITTED: NO **MERCHANT - WHOLESALE**

HOMEBASED: NO

Owner: DAVIS SUPPLY INC, P O BOX 60095, FORT MYERS FL 33906

***Any violation of applicable chapter of the City Code Of Ordinances will cancel and nullify this receipt**



DAVIS-5 OP ID: LM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/18/2014

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 Brown & Brown of Florida, Inc. Daytona Beach Office P.O. Box 2412 Daytona Beach, FL 32115-2412 Ryan Coffers	CONTACT NAME: CHRISTINE WALSH
	PHONE (A/C, No, Ext): 386-239-7269 FAX (A/C, No): 386-239-5729
E-MAIL ADDRESS:	
INSURER(S) AFFORDING COVERAGE	
INSURED DAVIS SUPPLY, INC. DAVIS PROPERTIES, INC JCM&M JIM DAVIS 2269 PALM AVE FT. MYERS, FL 33916	INSURER A : Comp Options Ins Co NAIC # 10834 INSURER B : State National Ins Co 12831 INSURER C : INSURER D : INSURER E : INSURER F :

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

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS												
B	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EBL \$1M GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC		MEB0320165	11/15/2014	11/15/2015	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 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												
B	AUTOMOBILE LIABILITY <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		MEC0320165	11/15/2014	11/15/2015	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 type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		NEF0320165	11/15/2014	11/15/2015	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000												
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	WC810007795001	07/21/2014	07/21/2015	<table border="0"> <tr> <td></td> <td>WC STATU-TORY LIMITS</td> <td>OTH-ER</td> </tr> <tr> <td>E.L. EACH ACCIDENT</td> <td></td> <td>\$ 500,000</td> </tr> <tr> <td>E.L. DISEASE - EA EMPLOYEE</td> <td></td> <td>\$ 500,000</td> </tr> <tr> <td>E.L. DISEASE - POLICY LIMIT</td> <td></td> <td>\$ 500,000</td> </tr> </table>		WC STATU-TORY LIMITS	OTH-ER	E.L. EACH ACCIDENT		\$ 500,000	E.L. DISEASE - EA EMPLOYEE		\$ 500,000	E.L. DISEASE - POLICY LIMIT		\$ 500,000
	WC STATU-TORY LIMITS	OTH-ER																
E.L. EACH ACCIDENT		\$ 500,000																
E.L. DISEASE - EA EMPLOYEE		\$ 500,000																
E.L. DISEASE - POLICY LIMIT		\$ 500,000																

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

CERTIFICATE HOLDER LEECO02 LEE COUNTY BOCC C/O LEE COUNTY MANAGER/ RISK MANAGEMENT P O BOX 398 FT MYERS, FL 33902	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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NOTEPAD:

HOLDER CODE **LEECO02**
INSURED'S NAME **DAVIS SUPPLY, INC.**

DAVIS-5
OP ID: LM

PAGE 2

Date **11/18/2014**

CERTIFICATE HOLDER IS ADDITIONAL INSURED TO THE GENERAL LIABILITY AS PER WRITTEN CONTRACT PER POLICY FORM #2197 GL 0904.

ALLIED UNIVERSAL CORPORATION

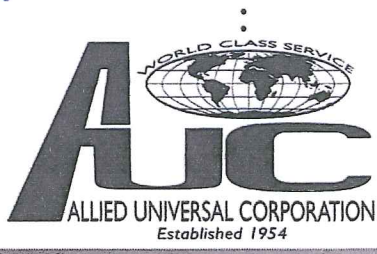
Headquarters: 3901 N.W. 115th Avenue, Miami, Florida 33178, Phone: (305) 888 - 2623
Distribution Centers: 8350 N.W. 93rd St., Miami, FL 2100 Port Rd., W. Memphis, AR
1405 Possum Hollow Rd., Ranger, GA 30 Neil Gunn Drive, Ellisville, MS
9549 Rangeline Rd., Ft. Pierce, FL 204 SCM Rd., Brunswick, GA
CFI, 5215 W. Tyson Ave., Tampa, FL

AQUA GUARD SANITIZER

SALES SPECIFICATION FOR 10.5% WT AVAILABLE CHLORINE SODIUM HYPOCHLORITE SOLUTION

CONCENTRATION (LABELED)	10.5% minimum <u>by weight</u> (12.3% Vol) as stated by the U.S. EPA Pesticide Registration
CONCENTRATION (DELIVERED)	11.0% (13.0% Vol) preferred, 10.5% (12.3% Vol) to 11.5% (13.7% Vol) acceptable as measured by a sodium thiosulfate titration with starch indicator resulting in an available chlorine reading <u>by weight</u> .
CONCENTRATION (MINIMUM)	9.50% <u>By weight</u> (11.0% Vol) available chlorine within 30 days of delivery.
GUARANTEED STRENGTH	The manufacturer shall guarantee their chlorine strength to be above 9.50% <u>by weight</u> (11.0% Vol) for thirty full days or it will be replaced immediately at no charge to the customer.
FILTRATION	Minimum filtration 3 pass - submicron filtration
MANUFACTURING TEMPERATURE	Temperature during bleach manufacturing not to exceed 95°F(35°C).
EXCESS CAUSTIC	Desired range 0.2% WT - 0.4% WT. Excess alkalinity levels below 0.2%, causes a severe stability problem with bleach, especially during the hot summer months.
IRON (Fe)	1ppm maximum, typically .50 ppm as a result of filtration.
NICKEL (Ni)	.01 ppm to .02 ppm
<u>APPROVALS</u>	Certified to ANSI/NSF Standard 60. Maximum use in potable water is 250mg/L (note: as of July 2, 2001, the maximum use in potable water is 84 mg/L). AWWA Standard B300-99 approval. EPA and USDA approved uses include Standard 3D, B-1, D-2, G-4, G-7 and Q-4.

Handwritten initials



9501 Rangeline Road
Ft. Pierce, FL 34987
772-464-6195 office
772-462-0716 fax

SODIUM HYPOCHLORITE -10.5% (12.0% Vol.) CERTIFICATE OF ANALYSIS

Test Parameter	Specification	Actual Result	Test Method
AVAILABLE CHLORINE (% WT)	10.8 – 11.2	10.973	TITRATION
RESIDUAL ALKALINITY (%WT)	0.20 – 0.40	.307	TITRATION
SPECIFIC GRAVITY	1.168 – 1.185	1.173	HYDROMETER
FILTRATION	0 – 180 Seconds	68	POWELL VACUUM TEST
COLOR/CLARITY	CLEAR YELLOW SOLUTION		
TEMPERATURE	LESS THAN 90°F		
BATCH NUMBER			
DATE	3-4-15		
TIME	P.M.		

Certified to NSF/ANSI Standard 60. Maximum Use in Potable Water is 100 mg/L.
NSF Non Food Compounds Program Listed (3D, B-1, B-2, D-1, D-2, GX, G-7 and Q-4) (Registration #134106).
Guaranteed by Allied Universal Corporation to meet American Water Works Association Standard B300 for Sodium Hypochlorite.

ANALYST: [Signature] DATE: 3-3-15

COA PREPARED FOR: DAVIS Supply / FT MYERS

FPCOA10-05/12

3901 NW 115 Avenue
Miami, Florida 33178
305-888-2623

9501 Rangeline Road
Ft. Pierce, Florida 34987
772-464-6195

30 Neil Gunn Drive
Ellisville, MS 39437
601-477-2550

5215 W. Tyson Avenue
Tampa, Florida 33611
813-832-4868

8350 NW 93rd Street
Miami, Florida 33166
305-888-2623

204 SCM Road
Brunswick, GA 31525
912-267-9470

1405 Possum Hollow Road
Ranger, GA 30734
706-334-7377

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ALLIED UNIVERSAL CORPORATION

Headquarters: 3901 NW 115th Avenue, Miami, Florida 33178 Phone: (305) 888 - 2623

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR § 1910.1200.

TODAY'S DATE: 05/30/11

MSDS NUMBER: 0001

24HR EMERGENCY CHEMICAL SPILL/RELEASE PHONE NUMBER: **CHEMTREC 1-800-424-9300**

SECTION 1 CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Sodium Hypochlorite

Product Names: Aqua Guard Chlorinating Sanitizer, Aqua Guard Bleach, Liquid Chlorine Solution, Liquid Bleach, Hypochlorite, Hypo, Sodium Hypochlorite and Chlorine Bleach.

Listed Strengths: 10.5%, 12.5% and 15%

CAS Number: 7681-52-9

Date MSDS Revised: November 2008 (previous revision 08/07)

Product Use: Disinfectant and sanitizer, see product label for all approved uses & instructions.

NSF Approval: Yes. Certified to NSF/ANSI Standard 60. Maximum use in Potable Water is 84 mg/L for 12.5% bleach and 100 mg/L for 10.5% bleach.

NSF Non-Food Compounds Approval: Yes

SECTION 2 HAZARD INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredient(s): % (w/w) as Sodium Hypochlorite : 10.5-16%

Exposure Standards: None established for Sodium Hypochlorite, as Chlorine exposure standards are:

PEL (OSHA): 1 ppm as Cl₂

STEL (OSHA): 3 ppm as Cl₂

TLV (ACGIH): 0.5 ppm as Cl₂

TWA (ACGIH): 0.5 ppm as Cl₂

WEEL (AIHA): 2 mg/m³, 15 minute TWA as Cl₂

STEL (ACGIH): 1 ppm as Cl₂

Emergency Overview: May cause burns to the eyes, skin and mucous membranes.

SECTION 3 PHYSICAL/CHEMICAL CHARACTERISTICS

Alternate Name(s):	Bleach
Chemical Name:	Sodium Hypochlorite
Molecular Formula:	Na-O-Cl
Form:	Liquid
Appearance:	Water clear to a slight greenish-yellow, or light yellow aqueous solution
Odor:	Chlorine odor
pH:	11-14, dependent upon % weight as Sodium Hypochlorite
Vapor Pressure:	Not available
Vapor Density (Air=1):	Not available
Boiling Point:	Approximately 230° F (110° C)
Freezing Point:	14 F (8% w/w Cl ₂ solution), 7 F (10% w/w Cl ₂ solution), -3 F (12% w/w Cl ₂ solution)
Solubility (Water):	Completely Soluble
Solubility (Other):	Reacts with Many Organic Solvents
Density:	Appx. 10 lbs. per gallon
Evaporation Rate:	Not Available
Specific Gravity:	1.126 (8% w/w Cl ₂ solution), 1.163 (10% w/w Cl ₂ solution), 1.202 (12% w/w Cl ₂ solution), 1.25 (15% w/w Cl ₂ solution)
Molecular Weight:	74.5

SECTION 4 STABILITY & REACTIVITY DATA

Chemical Stability	Stable <u> X </u>	Unstable _____
Incompatibility (Conditions to Avoid): Stability decreases with heat and light exposure.		
Incompatibility (Materials to Avoid): May react violently with strong acids. Other incompatibles include strong caustics, ammonia, urea, reducing agents, organics, ether and oxidizable materials. Reaction with metals (nickel, iron, cobalt and copper) may produce oxygen gas, which supports combustion. May react with organohalogen compounds to form spontaneously combustible compounds. May react explosively with nitro- and chloro-organic compounds as well as		

acids and reducing agents. Acidification liberates chlorine gas.		
Hazardous Decomposition or Byproducts: Chlorine gas. Decomposes with heat and reacts with acids. Hazardous gases/vapors produced are hypochlorous acid, chlorine and hydrochloric acid. Composition depends upon temperature and decrease in pH. Additional decomposition products, which depend on pH, temperature and time, are sodium chloride and chlorate, and oxygen.		
No Mechanical Shock or Impact	No Static Discharge	Oxidizer: No if < or = 12.5% by weight
Hazardous Polymerization	May Occur	Will Not Occur X

Note: Sodium Hypochlorite reacts violently with amines and ammonium salts. Solutions are reactive with common cleaning products such as toilet bowl cleaners, rust removers, vinegar, acids, organics and ammonia products to produce hazardous gases such as chlorine and other chlorinated species.

SECTION 5 POTENTIAL HEALTH EFFECTS AND FIRST AID INFORMATION

GENERAL: May cause immediate pain. Exposure to the skin may cause sensitization or other allergic responses. If the eye is not irrigated immediately after it has been exposed permanent eye damage may occur. Strict adherence to first aid measures following any exposure is essential. **SPEED IS ESSENTIAL!**

ROUTE(S) OF ENTRY AND POTENTIAL HEALTH EFFECTS	EMERGENCY & FIRST AIDE PROCEDURES
INHALATION: Strong irritating to mucous membranes in the nose, throat and respiratory tract. Prolonged contact can cause chronic irritation, pulmonary edema and central nervous system depression. Repeated inhalation exposure may cause impairment of lung function and permanent lung damage.	If inhaled, move expose person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. If breathing is difficult, have trained person administer oxygen. Call a poison control center or medical physician for further treatment advice. Have the product label or MSDS with you when calling or going for medical treatment.
SKIN CONTACT: Prolonged and repeated exposure to dilute solutions often causes irritation, redness, pain and drying and cracking of the skin. Human evidence has indicated that an ingredient in this product can cause skin sensitization. Depending upon the concentration and how soon after exposure the skin is washed with water, skin contact may cause burns and tissue destruction.	If on skin or clothing, take off all contaminated clothing and rinse skin immediately with plenty of water for 15-20 minutes. If irritation persists, repeat flushing. Do not transport victim unless the recommended irrigation period is completed unless flushing can be continued during transport. Call a poison control center or medical physician for treatment advice. Have the product label or MSDS with you when calling or going for medical treatment.
EYE CONTACT: Strongly irritating to eyes. Exposure to vapor can cause tearing, conjunctivitis and burning of the eyes. Eye contact may cause a corneal injury. The severity of the effects depend on the concentration and how soon after exposure the eyes are washed with water. In severe exposure cases, glaucoma, cataracts and permanent blindness may occur.	If in eyes, hold eye open and rinse slowly and gently with plenty of water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye for 10-15 minutes. Do not transport victim until the recommended flushing period is completed unless irrigation can be continued during transport. Call a poison control center or medical physician for further treatment advice. Have the product label and/or MSDS with you when calling or going to medical treatment.
INGESTION: Corrosive. Can cause severe corrosion of and damage to the gastrointestinal tract (including mouth, throat, and esophagus). Exposure is characterized by nausea, vomiting, abdominal pain, diarrhea, bleeding, and/or tissue ulceration.	If swallowed, call poison control center or medical physician immediately for treatment advice. Have the product label or MSDS with you when calling or going for medical treatment. Have exposed person sip a glass of water if able to swallow, and dilute immediately by giving milk, melted ice cream, starch paste or antacids such as milk of magnesia. Avoid sodium bicarbonate because of carbon dioxide release. DO NOT INDUCE VOMITING, LAVAGE OR ACIDIC ANTIDOTES unless told to do so by poison control center or medical physician. DO NOT give anything by mouth to an unconscious person. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water.

NOTE TO PHYSICIAN(S): Pre-existing medical conditions may be aggravated by exposures affecting target organs. There are no known chronic effects. Probable mucosal damage may contraindicate the use of gastric lavage. In addition to the alkalinity of this product, the continued generation of chlorine gas after ingestion can damage further the stomach mucous, depending on the amount ingested. Consideration may be given to removal of the product from the stomach, taking care to avoid perforation of esophagus or stomach. An ounce of 1% sodium thiosulfate or milk of magnesia is helpful.

SECTION 6 TOXICOLOGICAL DATA

ANIMAL DATA: Inhalation 0.25-hour LC50 - 10.5 mg/L in rats; Acute Dermal LD50 - 10,000 mg/kg in rabbits; Acute Oral LD50 - 8910 mg/kg in rats

SUMMARY: The concentrated solution is corrosive to skin, and a 5% solution is a severe eye irritant. Solutions containing more than 5% available chlorine are classified by DOT corrosive (please see section 10 of this MSDS). Toxicity

described in animals from single exposures by ingestion include muscular weakness, and hypoactivity. Repeated ingestion exposure in animals caused an increase in the relative weight of adrenal glands in one study, but no pathological changes were observed in two other studies. Long-term administration of compound in drinking water of rats caused depression of the immune system. No adverse changes were observed in an eight week dermal study of a 1% solution in guinea pigs. Tests in animals demonstrate no carcinogenic activity by either the oral or dermal routes. Tests in bacterial and mammalian cell cultures demonstrate mutagenic activity.

CARCINOGENICITY: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as carcinogen.

MUTAGENICITY: Sodium Hypochlorite has been shown to produce damage to genetic material when tested in vitro. Studies in vivo have shown no evidence of mutagenic potential for this material. It is judged that the risk of genetic damage is insignificant for sodium hypochlorite because of its biological activity, lack of mutagenicity in vivo, and failure to produce carcinogenic response.

SECTION 7 FIRE AND EXPLOSION HAZARD DATA

Flash Point: This product does not flash		Flammable Limits (Lower): Not Applicable	
Flammable Limits (Upper): Not Applicable		Auto Ignition Temperature: Not Applicable	
Decomposition Temperature: Not Applicable		Rate of Burning: Not Available	
Explosive Power: Not Available	Sensitivity to Mechanical Impact: Not expected to be sensitive to mechanical impact	Sensitivity to Static Discharge: Not expected to be sensitive to static discharge	
Fire and Explosion Hazards: This material is non-flammable but is decomposed by heat and light, causing a pressure build-up which could result in an explosion. When heated, it may release chlorine gas or hydrochloric acid. Vigorous reaction with oxidizable or organic materials may result in fire.		Extinguishing Media: Use agents appropriate for surrounding fire. Foam, dry chemical, carbon dioxide, water fog or spray. If leak or spill has not ignited, use water spray to disperse the vapors and to protect persons attempting to stop the leak.	
Fire Fighting Procedures: Water spray should be used to cool containers and may be used to knock down escaping vapor. Remove storage vessels from the fire zone.		Fire Fighting Protective Equipment: Full protective clothing, including a NIOSH approved self-contained breathing apparatus, must be worn in a fire involving this material. Toxic gas vapors are produced upon decomposition.	

SECTION 8 ECOLOGICAL INFORMATION

The toxicity and corrosivity of this product is a function of concentration and the concentration's pH.

ECOTOXICOLOGICAL INFORMATION: Toxic to aquatic life. 96-hour LC50: fathead minnows: 0.090-5.9 mg/L, bluegill sunfish: 0.10-2.48 mg/L, shore crab: 1.418 mg/L, grass shrimp: 52.0 mg/L, scud: 0.145-4.0 mg/L, water flea: 2.1 mg/L.

ENVIRONMENTAL EFFECTS: Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds, or rivers. May be an aesthetic nuisance due to color. Mammals and birds, exposed wildlife would be subject to skin irritation and burns due to the corrosive nature of this material.

SECTION 9 DISPOSAL CONSIDERATIONS

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State, and Local regulations. Do not burn. Do not flush to surface water or sanitary sewer system. If pH of material is equal to or greater than a 12.5, the material is a RCRA Hazardous Waste D002, corrosive.

SECTION 10 TRANSPORT INFORMATION

U.S. DOT Basic Shipping Description: Hypochlorite Solutions, 8, UN1791, III

U.S. DOT Hazardous Substance: Yes, RQ 100 pounds (Sodium Hypochlorite)

U.S. DOT Marine Pollutant: No

U.S. DOT Required Label: Corrosive (see column 6, 49 CFR §172.101)

U.S. DOT Packaging Exception: Yes, if package meets the criteria of a limited quantity or consumer commodity as defined by 49 CFR §171.8, §173.144 and .154, and §172.312 and .316

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Transportation Emergency Phone Numbers: CHEMTREC 1-800-424-9300

SECTION 11 PRECAUTIONS FOR SAFE HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Take all precautions to avoid personal contact. Keep container closed except when transferring material. Locate safety shower and eyewash station close to chemical handling area. Use normal good industrial hygiene and housekeeping practices, wash thoroughly after handling. Store in a cool, dry, well-ventilated area, away from incompatibles (minimum distance of 20-25 feet per NFPA Code 1) and direct sunlight. Keep container properly labeled at all times. Vented containers must be used and must be kept closed when not

being used. Long-term storage is impossible without decomposition. Only use containers made from tinted glass, polyethylene & FRP. Keep out of reach of children.

PROCESS HAZARDS: Not Available

STORAGE TEMPERATURE: Store containers below 29°C and above freezing point. Do not expose sealed containers above 40°C. Try to store in the dark at the lowest possible temperature, but keep from freezing, to slow-down decomposition.

SECTION 12 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Full handling precautions should be taken at all times. Provide good room ventilation plus local exhaust at points of emission and low level floor exhaust in immediate handling area. Where engineering controls are not feasible, use adequate local exhaust ventilation wherever mist, spray or vapor may be generated.

PERSONAL PROTECTIVE EQUIPMENT:

Eye: Use chemical safety goggles when there is potential for contact (splashing), faceshield recommended – ANSI Z87.1

Skin: Gloves and protective clothing (apron, boots, and bodysuits) made from rubber, vinyl, neoprene or PVC. Standard work clothing closed at the neck and wrist while wearing impervious equipment.

Respiratory (Specify Type): A NIOSH/MSHA approved air purifying respirator with an acid gas cartridge or canister may be permissible under circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is potential for uncontrolled releases, exposure levels are not known, or other circumstances where air purifying respirators may not provide adequate protection.

Other: Eyewash, shower station (ANSI Z358.1) must be provided within the immediate work area.

SECTION 13 ACCIDENTAL RELEASE MEASURES

Ventilate enclosed area. Collect product for recovery or disposal. For release to land, contain discharge by constructing dikes or applying inert absorbent; for release to water, utilize damming and/or water diversion to reduce the spread of contamination; and, for release to air, vapors may be suppressed by the use of a water fog. All run-off water must be captured for treatment and disposal. Collect contaminated soil and water, and absorbent for disposal. Notify applicable government authority if release is reportable or could adversely affect the environment. Please follow all Local, State and Federal Laws for clean-up and disposal of all contaminated material. **Deactivating Chemicals:** Sodium Sulfite, Sodium Thiosulfate and Sodium Bisulfite.

SECTION 14 REGULATORY INFORMATION

OSHA CLASSIFICATION, 29 CFR §1900-1910:

Physical Hazards: Reactivity **Health Hazards:** Acute - Skin Sensitizer, Corrosive

CERCLA AND SARA REGULATIONS, 40 CFR §300-373:

Reportable Quantity = 100 lb.

CERCLA Hazardous Material: Yes

Title III Hazard Classifications: Acute - yes, Chronic - no, Fire - yes, Reactivity - yes & Sudden Release of Pressure - No. This product may be reportable under the requirements of 40 CFR §370.

SARA Extremely Hazardous Substance: No **SARA Toxic Chemical:** No **CA Prop 65:** No

FDA 21 CFR 178.1010: Yes, Approved as Sanitizer

NSF Whitebook (former USDA Approval) Listing: Aqua Guard Chlorinating Sanitizer 10.5% - 3D, B1, B2, D1, D2, G4, G7, GX, Q4, Aqua Guard Bleach 12.5% - 3D, B1, B2, D1, D2, G4, GX, Q4

EPA "CLEAN AIR ACT": This product does not contain nor is it manufactured with ozone depleting substances. It is not defined as a Hazardous Air Pollutant per 40 CFR 112.

EPA Pesticide: The 10.5% and 12.5% Aqua Guard Chlorinating Sanitizer and Aqua Guard Bleach products only are registered with the U.S. EPA as a pesticide, as required under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product for pesticidal applications in a manner inconsistent with the FIFRA labeling.

NPCA-HMIS RATING: HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 2

NFPA 704 RATING: NONE AT THIS TIME

SUGGESTED NFPA 704 RATING:

HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 2 SPECIAL HAZARD: COR

SECTION 15 REFERENCES

Suppliers' Material Safety Data Sheets and EPA Labeling Requirements
Olin and OxyChem Sodium Hypochlorite Handbook
Chlorine Institute Sodium Hypochlorite Pamphlet #96
Chlorine Institute Product Stewardship Bulletins for Sodium Hypochlorite

This information contained herein, while not guaranteed, is offered only as a guide to the handling of this specific material and has been prepared in good faith by product knowledgeable personnel. This information is not intended to be all-inclusive as to the manner and conditions of use, handling and storage. Other factors may involve other or additional safety or performance considerations. Though Allied Universal Corporation is happy to respond to questions regarding safe handling of Allied's products, safe handling and use remains the responsibility of the product's consumers and/or customers. No warranty of merchantability or fitness for purpose, or any other kind, express

**Davis Supply, Inc.
PO Box 60095
Fort Myers, FL 33906**

Hand Delivered

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

Literature
Bid No.: IFB150160
Bid Name: Annual Purchase of Sodium Hypochlorite
Bid Date: March 5, 2015 @ 2:30 pm

*Davis Supply Inc
IFB 150160*

MS

15 MAR 5 PM 2:11