



202602123901 Addendum 1

JCI Jones Chemicals, Inc.

Supplier Response

Event Information

Number: 202602123901 Addendum 1
Title: 2026-2027 Chemical Consortium
Type: Request for Proposal (RFP) - Sealed
Issue Date: 2/12/2026
Deadline: 2/26/2026 02:00 PM (ET)
Notes: Notice to Bidders:

Sealed Proposals in response to this Request for Proposal (“RFP”) will be received by the Board of Water and Light (“BWL”) for furnishing of Mid-Michigan Water Chemical Consortium 2026-2027.

Proposals must be in full accordance with the enclosed Scope of Work.

Proposals must be submitted through IonWave. Proposals received via e-mail will not be accepted.

The BWL reserves the right to reject any or all Proposals, waive irregularities or technicalities in any Proposal, and accept any Proposal in whole or in part, which in the opinion of the BWL, is in its best interest. The BWL does not limit the methods or factors to be used for evaluation.

Contact Information

Contact: Monica Clark
Address: 1110 South Pennsylvania Ave.
Lansing, MI 48912

Email: Monica.Clark@LBWL.COM

JCI Jones Chemicals, Inc. Information

Contact: Ashley Ziesmer
Address: 18000 Payne Street
Riverview, MI 48193
Phone: (734) 283-0677
Email: Riverview@JCIChem.com

By submitting your response, you certify that you are authorized to represent and bind your company.

Stacy Bellanca

Signature

Submitted at 2/25/2026 04:17:17 PM (ET)

globalsales@jcichem.com

Email

Requested Attachments

Exceptions to Terms and Conditions (if applicable)

No response

Other Attachment

Additional Documents.pdf

Sworn and Notarized Affidavit of Compliance

Affidavit of Compliance - JCI.pdf

Bid Attributes

1	Company Contact Please provide the primary contact's name, e-mail, and phone number for this proposal. Stacy Bellanca, globalsales@jcichem.com, 941-330-1537
2	How many years has your firm been in business under the present ownership? 95 years
3	Have you done business with the Board of Water and Light? If so, furnish specifics. JCI Jones Chemicals, Inc. has been supplying the Board of Water and Light with Sodium Hypochlorite since 2001.
4	Have you done business with the City of Lansing? If so, furnish specifics. JCI Jones Chemicals, Inc. has been supplying the City of Lansing with Sodium Hypochlorite since 1998.
5	Have you ever defaulted on a contract or been involved in litigation with the BWL or the City of Lansing? If so, furnish specifics. NO
6	Have you ever defaulted on a contract or been involved in litigation with any other client in the past five years? If so, furnish specifics. NO
7	List any relationships between your firm's staff and any current BWL employee. N/A

8 List at least three (3) references for similar work you have performed for other clients. Include client's name, contact name, title and phone number.

City of Port Huron, Dianna Siefert, WWTP Superintendent, 810-984-9775 Oakland County DPW, Kirk Miller, Engineering Systems Coordinator, 248-669-5840 Great Lakes Water Authority, Bill Varghese, Chemist, 313-297-4518

9 List subcontractors that you plan to use on this project.

N/A

1 0 Indicate any exceptions to the enclosed Terms and Conditions
 If YES, Contractor must provide red-lined editing on the BWL Terms and Conditions Microsoft Word document only. Any submission of, or general references to Contractor Terms and Conditions in its entirety anywhere within the proposal will invalidate the proposal.

No

1 1 Acknowledgment of receipt of any Addendas issued.

Yes

1 2 Confirm you have reviewed all attachments included in this solicitation.

Yes

1 3 I have read and agreed.

The Bidder states that this proposal is made in conformity with the Proposal Documents and agrees that, in the event of any discrepancies or differences between any conditions of their proposal and the Proposal Documents provided in the Instructions to Bidders and completed by the bidder, the provisions of the latter shall prevail. No verbal or written agreements or understandings considered or entered into prior to signing of a contract in the form of a purchase order, shall be binding after the signing of the contract unless incorporated in the contract.

The Bidder certifies that this proposal is made in good faith, upon the best information, with knowledge and accuracy, and without collusion or connection with any other person or persons submitting proposals for the work.

I have read and agreed

Bid Lines

1 Sodium Hypochlorite (per gallon)

Quantity: 1 UOM: GAL Price: \$1.45 Total: \$1.45

Manufacturer: JCI JONES CHEMICALS

Manufacturer #: 1201001

Supplier Notes: \$2.70 for 1,000-1,999 gals/del \$1.90 for 2,000-2,999 gals/del \$1.60 for 3,000-3,999 gals/del \$1.50 for 4,000-4,499 gals/del \$1.45 for 4,500+ gals/del

2 Sodium Hypochlorite Demurrage (first 4 hours free)

Quantity: 1 UOM: HR Price: \$75.00 Total: \$75.00

Manufacturer: JCI JONES CHEMICALS

Manufacturer #: N/A

3	Hydrofluosilic Acid- 40,000 lbs. minimum shipments	
	Quantity: <u> 1 </u> UOM: <u> TON </u>	No Bid
	Manufacturer: <u> No response </u>	
	Manufacturer #: <u> No response </u>	

4	Hydrofluosilic Acid- 30,000 lbs. minimum shipments	
	Quantity: <u> 1 </u> UOM: <u> TON </u>	No Bid
	Manufacturer: <u> No response </u>	
	Manufacturer #: <u> No response </u>	

5	Hydrofluosilic Acid- multiple locations in 40,000 lbs. minimum shipments	
	Quantity: <u> 1 </u> UOM: <u> TON </u>	No Bid
	Manufacturer: <u> No response </u>	
	Manufacturer #: <u> No response </u>	

6	Hydrofluosilic Acid- Demurrage (first 4 hours free)	
	Quantity: <u> 1 </u> UOM: <u> HR </u>	No Bid
	Manufacturer: <u> No response </u>	
	Manufacturer #: <u> No response </u>	

7	Ferric Chloride- Dry Tons	
	Quantity: <u> 1 </u> UOM: <u> TON </u>	No Bid
	Manufacturer: <u> No response </u>	
	Manufacturer #: <u> No response </u>	

8	Ferric Chloride-Demurrage (first 4 hours free)	
	Quantity: <u> 1 </u> UOM: <u> EA </u>	No Bid
	Manufacturer: <u> No response </u>	
	Manufacturer #: <u> No response </u>	

9	Pebble Quicklime	
	Quantity: <u> 1 </u> UOM: <u> TON </u>	No Bid
	Manufacturer: <u> No response </u>	
	Manufacturer #: <u> No response </u>	

1 0	Pebble Quicklime- Demurrage (first 4 hours free)	
	Quantity: <u> 1 </u> UOM: <u> HR </u>	No Bid
	Manufacturer:	<i>No response</i>
	Manufacturer #:	<i>No response</i>

1 1	Soda Ash	
	Quantity: <u> 1 </u> UOM: <u> TON </u>	No Bid
	Manufacturer:	<i>No response</i>
	Manufacturer #:	<i>No response</i>

1 2	Soda Ash- Demurrage (first 4 hours free)	
	Quantity: <u> 1 </u> UOM: <u> HR </u>	No Bid
	Manufacturer:	<i>No response</i>
	Manufacturer #:	<i>No response</i>

Response Total: \$76.45

SWORN AND NOTARIZED AFFIDAVIT OF COMPLIANCE

IRAN ECONOMIC SANCTIONS ACT

Michigan Public Act No. 517 of 2012

All bidders must submit the following certification statement in compliance with Public Act No. 517 of 2012 (the “Iran Economic Sanctions Act”) and attach this form to the bid. **The Lansing Board of Water & Light shall not accept any bid that does not include this sworn and notarized certification of statement.**

The undersigned, the owner or authorized officer of JCI Jones Chemicals, Inc. (the Bidder), pursuant to the compliance certification requirement provided in the Lansing Board of Water & Light Request for Proposal, hereby certifies, represents and warrants that the Bidder (including its officers, directors and employees) is not an “Iran linked business” within the meaning of the Iran Economic Sanctions Act, and that in the event the Bidder is awarded a contract as a result of the aforementioned Request for Proposal, the Bidder will not become an “Iran linked business” at any time during the course of performing the work or any services under the contract.

Specifically, the undersigned, owner or authorized officer of JCI Jones Chemicals, Inc. (the Bidder) attests it does not fall within the following definition of a “Iran linked business” under the Iran Economic Sanctions Act:

MCL 129.312 (e) of the Act provides:

(e) "Iran linked business" means either of the following:

- (i) A person [as defined below by MCL 129.312(f)] engaging in investment activities in the energy sector of Iran, including a person that provides oil or liquefied natural gas tankers or products used to construct or maintain pipelines used to transport oil or liquefied natural gas for the energy sector of Iran.*
- (ii) A financial institution that extends credit to another person, if that person will use the credit to engage in investment activities in the energy sector of Iran.*

MCL 129.312(f) of the Act defines “Person” as follows:

(f) "Person" means any of the following:

- (i) An individual, corporation, company, limited liability company, business association, partnership, society, trust, or any other nongovernmental entity, organization, or group.*
- (ii) Any governmental entity or instrumentality of a government, including a multilateral development institution, as defined in section 1701(c)(3) of the international financial institutional act, 22 USC 262r(c)(3).*

The Bidder further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or two (2) times the amount of the contract or proposed contract for which the false certification is made, whichever is greater, the cost of the Lansing Board of Water & Light’s investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on a Request for Proposal for three (3) years from the date it is determined that the person has submitted the false certification.

BIDDER JCI Jones Chemicals, Inc.

Stacy Bellanca
By: Stacy Bellanca
Its: Nat'l Sales Admin
Date: 2/13/26

STATE OF Florida)

COUNTY OF Sarasota)

This instrument was acknowledged before me on the 13th day of February, 2026, by Stacy Bellanca.

Summer Mello
Summer Mello, Notary Public
Sarasota County, Florida My
Commission Expires: 2/17/29 Acting
in the County of: Sarasota





**JCI Jones Chemicals, Inc.
Consent to Shareholder Action**

August 18, 2025

I, the undersigned shareholder, being the holder of all shares of stock of the above company now outstanding, hereby resolve as follows:

1. **Stacy Bellanca**, National Sales Administrator
2. **Summer Mello**, Vice President
3. **Ryan C. Jones**, President and C.O.O.

are hereby authorized to submit and sign bids, contracts and other documents pertaining thereto of this Corporation, to municipalities and other for the sale of company products.

A handwritten signature in blue ink, appearing to read 'J. Jones', is positioned above the printed name of the signatory.

Jeffrey W. Jones, C.E.O. & President

Attest:

A handwritten signature in blue ink, appearing to read 'S. Jones', is positioned above the printed name of the signatory.

Susan Malloy Jones, Chief Administrative Officer



This is to certify:

Entity Name: JCI JONES CHEMICALS, INC.

Foreign Name:

Entity ID#: 801016763

Entity Type: Foreign Profit Corporation

Initial Filing Date: 06/18/1993

Delayed Effective Date:

Formation Jurisdiction: New York

Act Subject To: 284-1972 Business Corporation Act

That the above referenced entity was validly authorized to transact business or conduct affairs in Michigan on 06/18/1993 and that said entity holds a valid Certificate of Authority to Transact Business or Conduct Affairs in this state and has satisfied its annual filing obligations.

This certificate is issued pursuant to the provisions of 1972 PA 284, for profit corporations, or 1982 PA 162, for nonprofit corporations, to attest to the fact that the corporation is in good standing in Michigan as of this date and is duly authorized to transact business or conduct affairs in this state any business set forth in its application which a domestic corporation formed under this act may lawfully conduct.

This certificate is in due form, made by me as the proper officer, and is entitled to have full faith and credit given it in every court and office within the United States.

In testimony whereof, I have hereunto set my hand, in the City of Lansing, on January 9, 2026.



Linda Clegg, Director

Corporations, Securities & Commercial Licensing Bureau

Certificate Number: 46260

Verify this certificate at: www.michigan.gov/corpverifycertificate



Payment Instructions: ACH and Wire

BANK: Bank OZK
8300 Douglas Ave- Suite 810
Dallas, TX 75225
Ray Dunavant: (214) 750-4800

BENEFICIARY: JCI Jones Chemicals Inc

ACCOUNT #: 2804444623

ACCOUNT TYPE: Checking

ACH ROUTING #: 082907273

WIRE ROUTING #: 082907273

Please email payment remittance advice to ar@jcichem.com.

Should you have any questions please contact our Accounts Receivable department using the email address above.

Thank you!

JCI Jones Chemicals, Inc



AFFIDAVIT OF COMPLIANCE

SODIUM HYPOCHLORITE

JCI Jones Chemicals, Inc. hereby guarantees that the sodium hypochlorite solution comprising each shipment or other delivery made to the buyer complies with all applicable requirements of the AWWA Standard for Hypochlorites, AWWA B300-10.

We believe the above certification holds true until such a time as the AWWA Standard for Hypochlorites is amended or the above certification is revoked in writing.

In addition, this product is certified under the ANSI/NSF Standard 60.

Very truly yours,

JCI JONES CHEMICALS, INC.

Summer Mello

Summer Mello
Vice President
1765 Ringling Blvd.
Sarasota, FL 34236
(941) 330-1537

CERTIFICATE OF COMPLIANCE

Certificate Number 20140416-MH18026
Report Reference MH18026-20020829
Issue Date 2014-APRIL-16

Issued to: JCI JONES CHEMICALS INC
1765 RINGLING BLVD
SARASOTA FL 34236



This is to certify that representative samples of DRINKING WATER TREATMENT CHEMICALS Sunny Sol® 150", "Sunny Sol® 100 Plus", Sunny Sol® 100", "Sunny Sol® Bleach

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: NSF/ANSI 60 - Drinking Water Treatment Chemicals - Health Effects

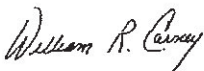
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Classification Mark for the U.S. and Canada should be considered as being covered by UL's Classification and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Classification Mark includes: the UL in a circle symbol:  with the word "CLASSIFIED" (as shown); a control number (may be alphanumeric) assigned by UL; a statement to indicate the extent of UL's evaluation of the product; and the product category name (product identity) as indicated in the appropriate UL Directory. The UL Classification Mark for Canada includes: the UL Classification Mark for Canada:  with the word "CLASSIFIED" (as shown); a control number (may be alphanumeric) assigned by UL; a statement to indicate the extent of UL's evaluation of the product; and the product category name (product identity) in English, French, or English/French as indicated in the appropriate UL Directory.

Look for the UL Classification Mark on the product.

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.



William R. Carney, Director, North American Certification Programs
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus



JCI JONES CHEMICALS, INC.
Product Specification
Sunny Sol® 150 (FILTERED)

SPECIFICATION

	<u>MINIMUM</u>	<u>TYPICAL</u>	<u>MAXIMUM</u>
<u>Sodium Hypochlorite</u>			
Weight Percent	12.5	14.0	15.6
<u>Excess Sodium Hydroxide</u>			
Weight Percent	0.1	0.6	2.0
Grams/Liter	1.2	7.7	25.0
<u>Available Chlorine</u>			
Weight Percent	11.9	13.3	14.8
Trade (Volume) Percent	14.2	16.1	18.5
Grams/Liter	142	161.4	185
Specific Gravity @ 68°F (20°C)	1.196	1.211	1.249
Weight of Solution @ 68°F (20°C)	10.0	10.1	10.4
<u>Inert Ingredients</u>			<u>MAXIMUM</u>
Sodium Carbonate	Na ₂ CO ₃		0.5% wt
Sodium Chloride	NaCl		12.5% wt
<u>Metals</u>			<u>MAXIMUM</u>
Arsenic	As		<0.500 mg/L
Barium	Ba		<0.050 mg/L
Cadmium	Cd		<0.050 mg/L
Chromium	Cr		<0.050 mg/L
Cobalt	Co		<0.050 mg/L
Copper	Cu		<0.050 mg/L
Iron	Fe		<0.050 mg/L
Manganese	Mn		<0.050 mg/L
Nickel	Ni		<0.050 mg/L
Selenium	Se		<0.500 mg/L
Silver	Ag		<0.050 mg/L
Mercury	Hg		<0.005 mg/L

NOTE: Always read and follow the product label and Safety Data Sheet (SDS).

(Continued on next page)

JCI JONES CHEMICALS, INC.
Product Specification
Sunny Sol® 150 (FILTERED)

Description

This product is a water solution of sodium hypochlorite. Inert ingredients, other than water and salt, include trace metallic and inorganic salt contaminants from raw materials and natural decomposition products. This product is registered with the USEPA (EPA Registration Number: 1744-20001), has USDA approvals 3D, B1, D2, L1 and Q4, meets ANSI/AWWA Standard B300-24, meets the FDA requirements of 21 CFR 178.1010, and meets the requirements of ANSI/NSF Standard 60 (Maximum Use Level: 84 mg/L).

This specification is based on registration requirements, mathematical calculation and historical product variability. JCI Jones Chemicals, Inc. does not make any expressed or implied warranty that future production will demonstrate or continue to possess typical properties.

Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 1 of 11

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Sunny Sol® 150**

Other means of identification : 1201001

Recommended use of the chemical and restrictions on use

: Disinfection of Drinking Water, Sewage & Wastewater Effluent Treatment,
Swimming Pool Water Disinfection.

Restrictions on use None known.

Chemical family

: Alkali metal hypochlorites

**Name, address, and telephone number
of the supplier:**

JCI Jones Chemicals Inc.

1765 Ringling Boulevard

Sarasota, FL, USA

34236

Supplier's Telephone #

: 1-800-477-1078

24 Hr. Emergency Tel #

: CHEMTREC (USA): 1-800-424-9300

CHEMTREC (CANADA): 1-800-567-7455

**Name, address, and telephone number of
the manufacturer:**

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) and Canadian WHMIS regulations (Hazardous Products Regulations).

Hazard classification:

Corrosive to metals - Category 1

Skin Corrosion/Irritation - Category 1

Serious eye damage/eye irritation - Category 1

Label elements

Hazard pictogram(s)



Signal Word

Danger

Hazard statement(s)

May be corrosive to metals.

Causes severe skin burns and eye damage.

Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 2 of 11

SAFETY DATA SHEET

Precautionary statement(s)

Do not breathe mist.
 Wear protective gloves, clothing and eye, face protection.
 Wash hands and face thoroughly after handling.
 Keep only in original packaging.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
 Wash contaminated clothing before reuse.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE or doctor.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Absorb spillage to prevent material-damage.
 Store in corrosion resistant container with a resistant inner liner.
 Store locked up.

Dispose of contents or container in accordance with local, regional, national, international regulations.

Other hazards

Contact with acids liberates toxic chlorine gas.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Solution

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Sodium Hydroxide	Caustic soda Lye Soda Lye	1310-73-2	0.1 - 2.0
Sodium hypochlorite	Hypochlorous acid, sodium salt Sodium oxychloride Bleach	7681-52-9	12.5 - 15.6

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- Ingestion* : IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. Immediately call a POISON CENTER or doctor.
- Inhalation* : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.
- Skin contact* : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor.
- Eye contact* : Immediately call a POISON CENTER or doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Most important symptoms and effects, both acute and delayed

- : Ingestion may cause severe burns to the mucous membranes of the digestive tract. Symptoms may include abdominal pain, vomiting, burns, perforations and bleeding. Causes serious eye damage. Symptoms may include severe pain, blurred vision, redness and corrosive damage. Chemical burns, corneal damage, and possibly blindness can result from direct contact. Causes skin burns. Symptoms may include redness, blistering, pain and swelling. Direct skin contact may cause corrosive skin burns, deep ulcerations and possibly permanent scarring. May cause irritation of the nose, throat, mucous membranes, and respiratory tract.

Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 3 of 11

SAFETY DATA SHEET

Indication of any immediate medical attention and special treatment needed

- : Immediate medical attention is required. Treat symptomatically. Causes chemical burns.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

- : Water fog, alcohol foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

- : Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture / Conditions of flammability

- : Burning may produce irritating, toxic and obnoxious fumes. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Contact with metals may release small amounts of flammable hydrogen gas.

Flammability classification (OSHA 29 CFR 1910.106)

- : Not flammable.

Hazardous combustion products

- : May include and are not limited to: Sodium oxides. Chlorate

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

- : Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective clothing (Bunker Gear) will not provide adequate protection. A full-body encapsulating chemical protective suit with positive pressure self-contained breathing apparatus (NIOSH approved or equivalent) may be necessary. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Special fire-fighting procedures

- : Do not breathe mists, vapours or sprays. Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- : Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Do not touch or walk through spilled material. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

Methods and material for containment and cleaning up

- : Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand). Place in clean, dry and labeled containers. Refer to Section 13 for disposal of contaminated material. Contact the proper local authorities.

Special spill response procedures

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the National Response Center in the United States (phone: 1-800-424-8802).

Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 4 of 11

SAFETY DATA SHEET

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

: Wear protective gloves, clothing and eye, face protection. Use only in well-ventilated areas. Keep away from extreme heat and flame. Do not breathe mists, vapours or sprays. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash hands and face thoroughly after handling. Keep only in original container. Keep away from incompatibles. Keep containers closed when not in use. Empty containers retain residue (liquid and/or vapour) and can be dangerous.

Conditions for safe storage : Store in corrosion resistant container with a resistant inner liner. Store locked up. Store away from incompatible materials. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. No smoking. Inspect periodically for damage or leaks. Have appropriate fire extinguishers and spill clean-up equipment in or near storage area.

Incompatible materials : Incompatible with strong acids and oxidizing agents. Tin Aluminium Phosphorus compounds Organic materials

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits:</u>				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Sodium Hydroxide	2 mg/m ³ (Ceiling)	Not available	2 mg/m ³	Not available.
Sodium hypochlorite	Not available	2 mg/m ³ (AIHA WEEL)	Not available.	Not available.

Exposure controls

Ventilation and engineering measures

: Use only in well-ventilated areas. Use corrosion-resistant ventilation. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection : If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02. Advice should be sought from respiratory protection specialists.

Skin protection : Wear protective gloves/clothing. Impervious gloves must be worn when using this product. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear impervious clothing to prevent skin contact. Wear chemically protective gloves (impervious), boots, aprons, and gauntlets to prevent prolonged or repeated skin contact.

Eye / face protection : Wear eye and face protection. Chemical splash goggles must be worn when handling this material. A full face shield may also be necessary.

Other protective equipment : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

General hygiene considerations

Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 5 of 11

SAFETY DATA SHEET

: Do not breathe mists, vapours or sprays. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash hands thoroughly after using this product, and before eating, drinking or smoking. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Liquid.
Colour : Not available.
Odour : Pungent.
Odour threshold : 0.9 mg/m³
pH : 12 - 14 (25 °C/77 °F)
Melting Point/Freezing point : -11 °F (-24 °C) (12.5% solution)
Initial boiling point and boiling range : Not available.
Flash point : Not available.
Flashpoint (Method) : Not applicable.
Evaporation rate (BuAe = 1) : Not applicable.
Flammability : Not applicable.
Lower explosion or flammability limit (% by vol.) : Not applicable.
Upper explosion or flammability limit (% by vol.) : Not applicable.
Oxidizing properties : None.
Explosive properties : Not explosive
Vapour pressure : 12 mm Hg (20°C/68°F)
Relative vapour density : Not available.
Relative density / Specific gravity : Not available.
Solubility in water : Completely miscible with water.
Other solubility(ies) : Not available.
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution : Not applicable.
Auto-ignition temperature : Not applicable.
Decomposition temperature : Not available.
Viscosity : Not available.
Particle characteristics : Not applicable.
Volatiles (% by weight) : Not available.
Volatile organic Compounds (VOC's) : Not available.
Absolute pressure of container : Not applicable.
Flame projection length : Not applicable.
Other physical/chemical comments : No additional information.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability : Stable under normal conditions.

Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 6 of 11

SAFETY DATA SHEET

Possibility of hazardous reactions

: Hazardous polymerization does not occur. No dangerous reaction known under conditions of normal use.

Conditions to avoid

: Avoid direct sunlight and extremely high or low temperatures. Do not use in areas without adequate ventilation. Reacts violently with strong acids. Avoid contact with incompatible materials. Corrosive to aluminum, tin, zinc, copper and most alloys in which they are present including brass and bronze. Corrosive to steels at elevated temperatures above 40°C (104°F). Do not mix with ammonia or other cleaners, as dangerous vapours may be created.

Incompatible materials

: Strong acids and oxidizing agents Phosphorus compounds Tin Zinc. Aluminum

Hazardous decomposition products

: May include and are not limited to: Sodium oxides. Chlorate

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES

Routes of entry skin & eye : YES

Routes of entry Ingestion : YES

Routes of exposure skin absorption
: YES

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

: Inhalation of mists or sprays may mildly irritate the upper respiratory tract and cause coughing or sneezing.

Sign and symptoms ingestion

: Ingestion may cause severe burns to the mucous membranes of the digestive tract. Symptoms may include abdominal pain, vomiting, burns, perforations and bleeding.

Sign and symptoms skin

: Causes skin burns. Symptoms may include redness, blistering, pain and swelling. Direct skin contact may cause corrosive skin burns, deep ulcerations and possibly permanent scarring.

Sign and symptoms eyes

: Causes serious eye damage. Symptoms may include severe pain, blurred vision, redness and corrosive damage. Chemical burns, corneal damage, and possibly blindness can result from direct contact.

Potential Chronic Health Effects

: Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Mutagenicity

: Not expected to be mutagenic in humans.

Carcinogenicity

: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects & Teratogenicity

: Not expected to cause reproductive effects.

Sensitization to material

: Not expected to be a skin or respiratory sensitizer.

Specific target organ effects : Target Organs: Eyes, skin, respiratory system and digestive system.

Medical conditions aggravated by overexposure

: Pre-existing skin, eye and respiratory disorders.

Synergistic materials

: No information available.

Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 7 of 11

SAFETY DATA SHEET

Toxicological data

: Due to sodium hydroxide's mechanism of action-primarily causing severe, localized corrosive tissue damage-a single LC50/LD50 value is insufficient to accurately characterize its full hazard profile. The severity of harm is highly dependent on the concentration and duration of contact, emphasizing its primary risk as a corrosive agent rather than a systemic toxicant.

Sodium hydroxide causes immediate and severe local damage to any tissue it contacts (skin, eyes, or the lining of the mouth, throat, and gastrointestinal tract if ingested). This damage is a chemical burn that can lead to permanent tissue degeneration and even death through mechanisms like perforation of the gastrointestinal tract, not by reaching a lethal concentration in the bloodstream.

<u>Chemical name</u>	<u>LC₅₀(4hr)</u> <u>inh, rat</u>	<u>LD₅₀</u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Sodium Hydroxide	Not available	Not available	Not available.
Sodium hypochlorite	>10.5 mg/L 1 hr (ECHA)	5230 mg/kg (12.5%) (ECHA)	>20000 mg/kg (12.5%) (ECHA)

Other important toxicological hazards

: None reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. See the following tables for the substance's ecotoxicity data.

Ecotoxicity data:

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Sodium Hydroxide	1310-73-2	125 mg/L (Mosquito fish)	Not available	None.
Sodium hypochlorite	7681-52-9	0.58 mg/L (Bluegill sunfish) (14.6%)	Not available	1

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Sodium Hydroxide	1310-73-2	40.4 mg/L (Daphnia magna)	Not available.	None.
Sodium hypochlorite	7681-52-9	0.141 mg/L (Daphnia magna)	Not available	1

Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 8 of 11

SAFETY DATA SHEET

<u>Ingredients</u>	<u>CAS #</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Sodium Hydroxide	1310-73-2	Not available	Not available.	None.
Sodium hypochlorite	7681-52-9	0.036 mg/L/72hr (Green algae) (13.7%)	0.005 mg/L/72hr (13.7%)	10

Persistence and degradability

: There is no data available for this product.

Bioaccumulation potential

: There is no data available for this product.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Sodium Hydroxide (CAS 1310-73-2)	Not available	Not available
Sodium hypochlorite (CAS 7681-52-9)	Not available.	Not available.

Mobility in soil

: There is no data available for this product.

Other Adverse Environmental effects

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal

: Handle in accordance with good industrial hygiene and safety practice. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal

: Dispose in accordance with all applicable federal, state, provincial and local regulations.

RCRA

: It is the responsibility of the waste generator to determine the proper waste identification and disposal method.







Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 9 of 11

SAFETY DATA SHEET

SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN1791	Hypochlorite solutions	8	III	 
49CFR/DOT Additional information	Refer to 49 CFR/DOT regulations for further information.				
ICAO/IATA	UN1791	Hypochlorite solution	8	III	 
ICAO/IATA Additional information	Refer to IATA regulations for further information.				
IMDG	UN1791	HYPOCHLORITE SOLUTION	8	III	 
IMDG Additional information	Refer to the IMDG regulations for further information.				

Special precautions for user : Appropriate advice on safety must accompany the package.

Environmental hazards : Marine pollutant

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity (RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de Minimis Concentration
Sodium Hydroxide	1310-73-2	Yes	1000 lb/ 454 kg	Not applicable.	No	1%
Sodium hypochlorite	7681-52-9	Yes	100 lb/ 45.4 kg	None.	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Corrosive to metals; Skin corrosion; Eye Damage

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Sodium Hydroxide	1310-73-2	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Sodium hypochlorite	7681-52-9	No	N/Ap	Yes	Yes	Yes	Yes	Yes	No

Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 10 of 11

SAFETY DATA SHEET

Canadian Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

US Information:

USEPA Registration Number: 1744-20001

ANSI/NSF Standard 60 Certified Maximum Use Level: 84 mg/L

AWWA Standard: AWWA B300-18

USDA Authorized Uses: 3D, B1, D2, L1, Q4

SECTION 16. OTHER INFORMATION

Legend	:	ACGIH: American Conference of Governmental Industrial Hygienists AICS: Australian Inventory of Chemical Substances CAS: Chemical Abstract Services CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 CSA: Canadian Standards Association DOT: Department of Transportation EC50: Effective Concentration 50% ENCS: Existing and New Chemical Substances EPA: Environmental Protection Agency IARC: International Agency for Research on Cancer IATA: International Air Transport Association IBC: Intermediate Bulk Container ICAO: International Civil Aviation Organisation IECSC: Inventory of Existing Chemical Substances IMDG: International Maritime Dangerous Goods IOC: Inventory of Chemicals KECI: Korean Existing Chemicals Inventory KECL: Korean Existing Chemicals List LC: Lethal Concentration LD: Lethal Dose N/Ap: Not Applicable N/Av: Not Available NOEC: No observable effect concentration NTP: National Toxicology Program OECD: Organisation for Economic Co-operation and Development OSHA: Occupational Safety and Health Administration PEL: Permissible exposure limit PICCS: Philippine Inventory of Chemicals and Chemical Substances SARA: Superfund Amendments and Reauthorization Act STEL: Short Term Exposure Limit TDG: Canadian Transportation of Dangerous Goods Act & Regulations TLV: Threshold Limit Values TSCA: Toxic Substance Control Act TWA: Time Weighted Average WHMIS: Workplace Hazardous Materials Identification System
---------------	---	---

Sunny Sol® 150

SDS Preparation Date (mm/dd/yyyy): 12/10/2025

Page 11 of 11

SAFETY DATA SHEET

References :

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices
2. ECHA - European Chemical Agency
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases
4. Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists
6. California Proposition 65 List
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

Preparation Date (mm/dd/yyyy)

: 12/10/2025

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

<p><u>Prepared for:</u> JCI Jones Chemicals Inc. 1765 Ringling Boulevard Sarasota, FL 34236 USA</p>	
<p><u>Prepared by:</u> ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.); (888) 977-4834 (Canada) http://www.thecompliancecenter.com</p>	

DISCLAIMER

This Safety Data Sheet was prepared by ICC The Compliance Center Inc using information provided by / obtained from JCI Jones Chemicals Inc. and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and JCI Jones Chemicals Inc. expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc and JCI Jones Chemicals Inc.

END OF DOCUMENT