

CITY OF NORMAN
June 17, 2024
Office of the Purchasing Division
Norman, Oklahoma
INVITATION TO BID # 2425-8

The City of Norman, Oklahoma will open sealed bids in the Purchasing Division located at 225 N Webster Ave, Norman, OK, 73069 on the below listed item at 2:00 P.M. on **Friday, July 5, 2024.**

Solar Salt

All bids must be in the Office of the Purchasing Division, 225 N. Webster Ave., Norman, Oklahoma, 73069, BEFORE THE FINAL CLOSING HOUR as indicated below. If bid is mailed, to be considered it should be addressed as follows:

Attention: Purchasing Division, Opening of Bids, City of Norman, P.O. Box 370, Norman, Oklahoma, 73070. In addition, the bid envelope should be plainly marked on both sides indicating the bid number.

The unit price must be stated on all items and all totals extended, if required. BIDDER GUARANTEES UNIT PRICE TO BE CORRECT. To receive consideration, bids must be submitted on the City of Norman "Form for Bidders" and "Bidders Proposal" (if applicable), which are hereby made part of this Invitation to Bid.

Alternate bids may be considered. If bidding an alternate, so state on the face of the Form for Bidders and fully describe the merchandise and include Manufacturer's literature. Unless the bidder identifies on the Form for Bidders that an alternate is being bid, the vendor will be expected to deliver merchandise as specified. Alternate bids shall not be submitted to circumvent the specifications.

The Affairs of the City of Norman, whether in the conduct of its governmental or proprietary functions, involve the health, safety, and welfare of the public; and because the item(s) specified are necessary and proper for the conduct of said affairs, any delay in the delivery of the item(s) being bid can jeopardize the health, safety, and welfare of the public, and can result in the incurring of additional expenses to the City. For these reasons, it is understood by the bidder the date of delivery of the item(s) being bid herein is considered to be an integral part of this bid and may be considered in awarding the contract.

Any discount and/or delivery date must be plainly stated on the Form for Bidders. Use ink pen or typewriter in filling in quotation and initial any corrections. Bid and Affidavit must be signed in ink by an authorized representative of the company making the bid. Bidders should submit one original and one duplicate Form for Bidders and Proposals. All bids will be awarded by Section or Sections, whichever is in the best interest of the City. Any bidder who fails to return the third consecutive invitation will be removed from the bid list. If the above procedures are not followed, bids may be disqualified. The right is reserved by the City to reject any or all bids or parts of bids. All bids are public records and are available during regular office hours.

**CITY OF NORMAN
SPECIFICATIONS FOR
Solar Salt**

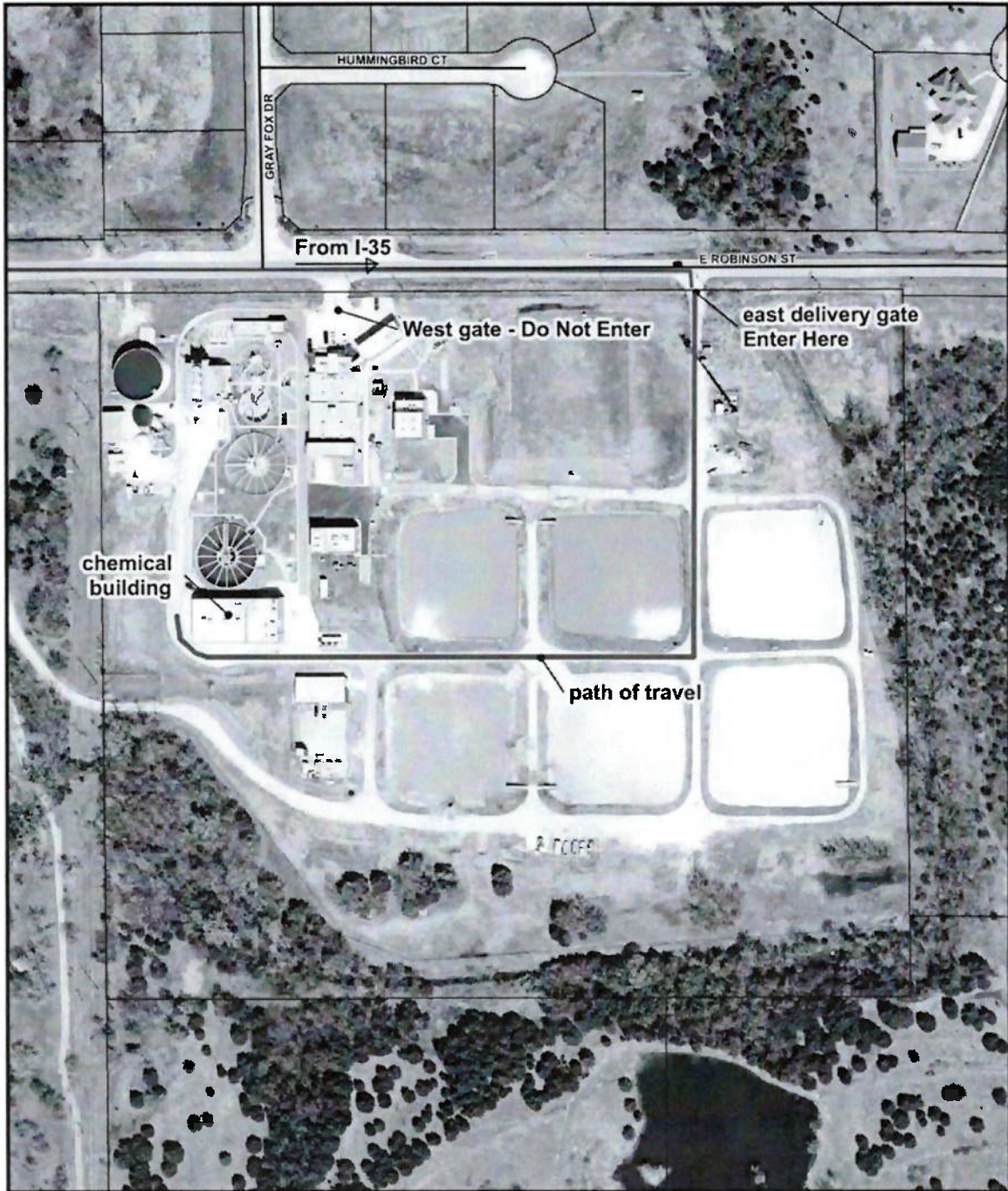
1. **Material:** Salt shall conform to the requirements of AWWA Standard B200-12, latest revision thereof, for Salt. The Salt must be certified by the National Sanitation Foundation (NSF) or Underwriters Labs (UL) to meet NSF/ANSI Standard 60. Proof of this certification must be submitted with the bid. Salt must contain no organic binders, flow control agents or resin cleaning material and meet the following specifications:

NaCl – Dry basis	96.3% minimum
NaCl – Wet basis	93.3% minimum
Calcium Sulfate	0.30% maximum
Magnesium Chloride	0.06% maximum
Calcium Chloride	0.10% maximum
Magnesium Sulfate	0.02% maximum
Insolubles	0.1% maximum
Moisture (as H ₂ O)	3.0% maximum
Lead	0.0007% maximum
Copper	0.000015% maximum
Iron (as Fe)	0.0002% maximum
Fluoride	0.00001% maximum
Manganese	0.000015% maximum

2. **Deliveries:** To be delivered to the Chemical Building, Norman Water Treatment Plant, 3000 East Robinson, Norman, Oklahoma, by truck and unload through in-place piping to the 40 ton storage tank located outside of the Chemical Building. All deliveries shall be made via the east security gate at the Water Treatment Plant. Normal delivers shall be received between the hours of 7:30 a.m. and 3:00 p.m. Monday through Friday, although we can accept deliveries Saturdays and Sundays, and through evenings and overnight, should the need arise and prior approval is given. The map attached shows the route into and through the plant grounds.
3. **Usage:** Annual usage may vary. We expect our annual need to be approximately 65-350 tons of Salt. If the bidder needs additional information they may contact the Water Treatment Plant at (405) 321-2182. Salt is to be ordered in full truckload quantities.
4. **Security:** Advance notification shall be made of all deliveries at least 24 hours in advance. Advance notification shall include the expected date and time (within four hours) of delivery, and a copy of a photo ID of the driver. Deliveries must be started and completed during normal business hours of 7:30 a.m. through 3:00 p.m. Monday through Friday except holidays, unless prior arrangements have been made. Anyone attempting to deliver without the advance notification or outside the agreed times will be turned away.
5. **Safety Training:** The vendor shall supply at least two copies of the SDS to the water treatment plant staff prior to or accompanying the first delivery. The vendor shall provide safety training consisting of at least one session, 15 minute minimum, at the Water treatment Plant. The date and time of training will be arranged with plant management to

the mutual satisfaction of both parties. The training may include a video film, a discussion of the SDS sheet, or any other format the vendor desires, provided that it covers safe handling of the product and minimum safety equipment necessary for personnel protection. Additional material may be presented if desired.

6. **Payment:** Payment for Salt will be made at the bid price per ton for supplying the Plant annual requirements. The bid price shall include all cost and expense of furnishing, delivering, and unloading to the Chemical Building, Norman Water Treatment Plant, 3000 E Robinson Street, Norman, Oklahoma 73071. Bidder shall include freight in the bid price. The City shall complete payment within 30 days of invoice receipt.
7. **Failure to Respond:** Any bidder who fails to respond to the invitation to bid for two consecutive years may be dropped from the bid list. Submitting a "no bid" response will be considered a response indicating the desire to remain on the bid list.
8. **Contract duration:** The contract duration shall be from bid approval through June 30, 2025. The contract may be extended in one year intervals at no change in the bid price with the written consent of both parties.
9. **Inquiries:** Inquiries may be directed to either the Plant Manager or Supervisor at the Water Treatment Plant, 3000 East Robinson Street, Norman, OK 73071, phone (405) 321-2182.
10. **Acceptance:** This bid will be guaranteed for acceptance up to 60 days after the bid opening date.
11. **Bid submission:** Each bid must be submitted in a separate sealed envelope. The envelope must state the bid number, bid date and time, and the chemical name on the outside of the envelope. If the bids are mailed and not hand delivered, then the bid envelope must be mailed in a separate outer envelope. Multiple bids may be included in one outer envelope, but each bid must be in its own inner envelope.



WTP Chemical Delivery Map



Map Produced by the City of Norman
Geographic Information System.

The City of Norman assumes no
responsibility for errors or omissions
in the information presented.

0 52 104 208 Feet



June 7, 2024



CITY OF NORMAN

Office of the Purchasing Agent
Norman, Oklahoma

FORM FOR BIDDERS NO. 2425-8

Opening of Bids
City of Norman
Purchasing
PO Box 370
Norman, Oklahoma 73070

Bid Opening:
July 5, 2024
2:00PM

Dear Bidder:

The undersigned bidder declares that before preparing this bid he/she read carefully the detailed specifications and that his bid is made with full knowledge of the kind, quality, and quantity of the materials or services to be furnished.

The undersigned bidder offers and proposes to furnish the materials, equipment, or other services hereinafter set forth, in the manner and under the conditions and in accordance with the specifications on file in the Office of the Purchasing Agent.

The quantity of this product to be purchased by the City of Norman may be any number in the anticipated quantity range hereinafter listed. This is an estimated quantity to be purchased, but does not in any way bind the City of Norman to purchase said quantity. Said purchases are to be made from date of award. All bids are to be made on a per unit basis. The anticipated quantity range is as follows.

SECTION I:

<u>PRODUCT</u>	<u>UNIT PRICE</u>
Solar Salt	\$ 274.21 _____ per ton

DELIVERY DATE: 5 business days after release of order

All items or materials shall be delivered to the City of Norman with transportation charges prepaid by the bidder.

AFFIDAVIT OF NON-COLLUSION

STATE OF Minnesota

COUNTY OF Hennepin ss

Samantha Deeb, of lawful age, being first duly sworn, on oath says, that (s)he is the agent authorized by the bidder to submit the attached bid. Affidavit further states that the bidder has not been a party to any collusion among bidders in restraint to freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any city official or employee as to quantity, quality, or price in the prospective contract, or any other terms of prospective contract; or in any discussion between bidders and any city official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder/contractor has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the City of Norman, Oklahoma any money or other thing of value, either directly or indirectly, in the procuring of the award of a contract pursuant to this bid.

Cargill Inc. - Samantha Deeb

Bidder

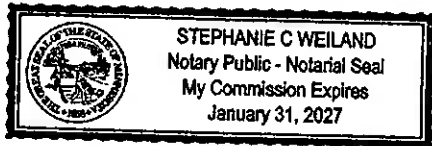
By: [Signature]

Subscribed and sworn to before me on this 3 day of July, 2024

Stephanie C Weiland

My Commission Expires Jan: 31st, 2027

NOTARY PUBLIC, (or Judge)



NOTICE TO BIDDERS / RFP RECIPIENTS

When submitting bids or responses to RFPs, corporate entities are required to comply with State law regarding authorized signatures.

State statute requires that bids/RFPs “be signed by the chair or vice chair of the Board of Directors, or the President, or by a Vice President, and attested by the Secretary or an Assistant Secretary; or by officers as may be duly authorized to exercise the duties....” 18 O.S. § 1007.A.2

However, if some other official with the corporation, such as a secretary signing a document, such signature needs to be accompanied by a certificate or a copy of a resolution adopted by the Board setting forth the authority of that individual to execute a contract.

With respect to limited liability corporations, every manager is an agent of the company for the purpose of business and binds the limited liability company. Therefore, instruments and documents shall be valid and binding upon the limited liability company if executed by one or more of its managers. 18 O.S. § 2019A

As set forth above when submitting bids and RFPs, certification adhering to the state statutes should accompany documents being turned in for review.

Bid Document Addition:

To be added to section 108 of the standard bid document:

108.08 – PAYMENT TERMS

The City shall complete payment within 30 days of invoice receipt.

Contract Document Addition:

Payment terms - to be added to contract paragraph numbered as "2)" that addresses payments:

The City shall complete payment to the CONTRACTOR within 30 days of invoice receipt.

Purchase of materials for City Project – to be added where appropriate:

Materials and/or services purchased by CONTRACTOR in connection with the City project shall be subject to the payment of City sales tax. If the CONTRACTOR is appointed to be an agent of the City by City Council resolution, thereby exempting material purchases for the project from the payment of City sales tax, CONTRACTOR shall certify, in writing, on the copy of the invoice or sales ticket to be retained by said CONTRACTOR that the purchases are made for and on behalf of the City in accordance with 68 O.S. 1356, paragraph 10.

Kiln Dried Coarse and Extra Coarse Solar Salt



Product Description

Kiln Dried Coarse/Extra Coarse Salt

This product is a coarse screened, sodium chloride salt crystallized by solar evaporation. The crystallized salt is washed to remove surface impurities, drained of excess moisture, dried and screened to size. The product is acceptable for regeneration of water softener ion exchange resins (P1) by NSF Registration Guidelines for Nonfood Compounds and is certified to ANSI/NSF/CAN Standard 60.

This material contains no anticaking or free-flowing additives or conditioners.

This product is not approved for human or animal consumption and is intended for use only in chemical or industrial applications.

Product Application

This material is intended for a variety of industrial uses.

Caking Resistance

Caking Resistance: Caking resistance varies depending on crystal size, additives and storage conditions. End use application should be considered when determining acceptable product life in regards to caking resistance. This product has an estimated caking resistance of 1-2 years. To improve caking resistance, this product should be stored in a dry, covered area at humidity below 75%.

Methods of Analysis

Methods of analysis are based on ASTM E 534 and Cargill internal methods.

Producing Locations

This product is packaged at Cargill Salt Timpie, UT; Buffalo, IA; Savage, MN, Freedom, OK, and White Marsh, MD. Product of USA, Mexico and Bonaire, Netherlands.



Physical Information

Chemical Analysis

PHYSICAL	TYPICAL
NaCl - Dry (%) CAS No. 7647-14-5	99.6
Water Insolubles (%)	0.01
Surface Moisture (%)	0.06

Sieve Analysis

PERCENT PARTICLE SIZE DISTRIBUTION (SCREENS)	OPENING INCHES	OPENING MICRONS	% RETAINED TYPICAL
Sieve - USS 0.25 Mesh Retained	0.250	6350	12
Sieve - USS 4 Mesh Retained	0.187	4760	27
Sieve - USS 6 Mesh Retained	0.132	3360	28
Sieve - USS 8 Mesh Retained	0.0937	2380	26
Sieve - USS 10 Mesh Retained	0.0787	2000	5
Sieve - USS 12 Mesh Retained	0.0661	1680	1
Sieve - Retained on Pan	-	-	1

Bulk Density

PARAMETER	TYPICAL
Pounds per Cubic Foot	70
Grams per Liter	1120



**Kiln Dried
Coarse
and Extra
Coarse Salt**

CONTACT

Cargill Salt
P.O. Box 5621
Minneapolis, MN 55440
Phone: 888-385-SALT (7258)
www.cargill.com/salt

Product Configuration

PRODUCT NAME	SAP DESCRIPTION	SAP NUMBER	PALLET DIMENSION	PALLET WEIGHT (LB)
Kiln Dried Extra Coarse Salt				
2000 lb. Tote with liner	KD XCRS 2000LB MB W/L	100012718	40 x 48 x 36	2055
2000 lb. Tote no liner	KD XCRS 2000LB MB N/L NSF® 60	100012732	40 x 48 x 36	2055
2400 lb. Tote	KD XCRS 2400LB MB N/L NSF® 60	100011187	40 x 48 x 36	2455
Bulk	KD XCRS BULK NSF® 60	100011140		
Kiln Dried Coarse Salt				
Bulk	KD CRSE SO BULK NSF® 60	100011143		

Why Cargill?

- Salt products are an integral part of Cargill – one of the world’s largest food ingredient providers and a recognized leader in the food processing industry.
- Our products go well beyond standard and high purity salt: Our Alberger® brand, Microsized®, Premier™, CMF®, sea salts, and our sodium reduction solutions such as Potassium Pro® and FlakeSelect®, make up the most extensive product line in the Industry.
- We offer full EDI capabilities for customers who need to exchange information via Electronic Data Interchange and the only online ordering portal in the industry, www.cargillsaltstore.com.
- Cargill’s nationwide distribution capabilities, combined with the best logistics and customer service specialists in the business, ensure that you get the right salt at the right time.

www.cargillsaltstore.com

Customer Service: (800) 377-1017

All specifications are approximate. Please contact your broker or Cargill representative for exact specifications.

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SALT-3890 (6/24)

www.cargillsalt.com

www.cargillsaltstore.com





SAFETY DATA SHEET

1. Identification

Product identifier Kiln Dried Solar Salt

Other means of identification

SDS number NK3

Synonyms Kiln Dried Solar Salt - Coarse. * Kiln Dried Solar Salt - Medium. * Cod Fish Salt. * North Pacific Boat & Shore® Salt - Coarse. * North Pacific Boat & Shore® Salt - Medium. * North Pacific Boat & Shore® Salt - Extra Fine. * Sodium Chloride (Salt). * Kiln Dried Solar Salt - Extra Fine.

Recommended use Salt may be intended for food or animal feed (agricultural) as well as several industrial applications including deicing and water conditioning.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Cargill Incorporated

Address Minneapolis, MN 55440

Telephone 1-888-385-7258

Website www.cargillsalt.com

Emergency telephone number North America: 1-800-255-3924
International: +1-813-248-0585 Collect calls are accepted

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

OSHA defined hazards Not classified.

Label elements

Hazard symbol None.

Signal word None.

Hazard statement The mixture does not meet the criteria for classification.

Precautionary statement

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements.

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

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Sodium Chloride	7647-14-5	100

GRAS Substance (Generally Recognized As Safe).

4. First-aid measures

Inhalation If dust from the material is inhaled, remove the affected person immediately to fresh air. Call a physician if symptoms develop or persist.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion	Give one or two glasses of water if patient is alert and able to swallow. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
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 (CO ₂).
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 such as: Carbon oxides (CO _x). Hydrogen Chloride (HCl). Sodium oxides.
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	Use water spray to cool unopened containers.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	This product is not flammable or combustible.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Avoid inhalation of dust from the spilled material. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Collect dust using a vacuum cleaner equipped with HEPA filter. Minimize dust generation and accumulation. Avoid release to the environment. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Provide appropriate exhaust ventilation at places where dust is formed. Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Avoid contact with water and moisture. Keep away from strong acids. Practice good housekeeping.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Becomes hygroscopic at 70-75% relative humidity. Avoid humid or wet conditions as product will cake and become hard.

8. Exposure controls/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Unvented, tight fitting goggles should be worn in dusty areas.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Skin protection	
Other	Wear suitable protective clothing.
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.
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	White crystalline solid
Physical state	Solid.
Form	Crystalline solid.
Color	White to opaque
Odor	Halogen odor when heated
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	1473.8 °F (801 °C)
Initial boiling point and boiling range	2669 °F (1465 °C) (760 mmHg)
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	2.4 mm Hg (1376.6 °F (747 °C))
Vapor density	Not available.
Relative density	2.16 (H ₂ O = 1)
Solubility(ies)	
Solubility (water)	26.4 %
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Bulk density	35 - 83 lb/ft ³
Molecular formula	NaCl
Molecular weight	58.44
pH in aqueous solution	6 - 10

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	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
Incompatible materials	Avoid contact with strong acids. Becomes corrosive to metals when wet.
Hazardous decomposition products	May evolve chlorine gas when in contact with strong acids.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Inhalation of dusts may cause respiratory irritation.
Skin contact	Prolonged or repeated skin contact may cause irritation.
Eye contact	Dust in the eyes will cause irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Eye and skin contact: Exposure may cause temporary irritation, redness, or discomfort. For ingestion, consuming less than a few grams would not be harmful. The following effects were observed after ingesting an excessive quantity: nausea and vomiting, diarrhea, cramps, restlessness, irritability, dehydration, water retention, nose bleed, gastrointestinal tract damage, fever, sweating, sunken eyes, high blood pressure, muscle weakness, dry mouth and nose, shock, cerebral edema (fluid on brain), pulmonary edema (fluid in lungs), blood cell shrinkage, and brain damage (due to dehydration of brain cells). Death is generally due to cardiovascular collapse or CNS damage.

Information on toxicological effects

Acute toxicity In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

Components	Species	Test Results
Sodium Chloride (CAS 7647-14-5)		
<u>Acute</u>		
Oral		
LD50	Rat	3000 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Dust in the eyes will cause irritation.

Respiratory or skin sensitization

Respiratory sensitization Not available.

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.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not regulated.

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 Due to the physical form of the product it is not an aspiration hazard.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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 None known.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

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	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

Classified hazard categories Acute toxicity (any route of exposure)

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. Massachusetts RTK - Substance List

Not regulated.

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

Not listed.

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

Not listed.

US. Rhode Island RTK

Not regulated.

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 2016 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

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
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
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies 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 17-November-2014

Revision date 20-March-2018

Version # 02

HMSI® ratings Health: 1
Flammability: 0
Physical hazard: 0
Personal protection: A

Disclaimer All statements, technical information and recommendations contained herein are, the best of our knowledge, reliable and accurate; however no warranty, either expressed or implied is made with respect thereto, nor will any liability be assumed for damages resultant from the use of the material described.

It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. It is also the responsibility of the user to maintain a safe workplace. The user should consider the health hazards and safety information provided herein as a guide and should take the necessary steps to instruct employees and to develop work practice procedures to ensure a safe work environment.

This information is not intended as a license to operate under, or a recommendation to practice or infringe upon any patent of this Company or others covering any process, composition of matter or use.