

SPECIFICATIONS

ROAD SALT

Bid No. 17-7895-14

SOUTHWEST OHIO PURCHASERS FOR GOVERNMENT

Company Name: Cargill, Inc. - Deicing Technology Business

Contact Person: Ashley Sliffe

Address: 24950 Country Club Blvd., Ste. 450

City, State, & Zip: North Olmsted, OH 44070

Phone No: 800-600-7258 /**Fax No:** 888-739-8705

*****Bid Opening Date: Wednesday, July 12, 2017*****

LEGAL NOTICE NO. 17-7895-14

Sealed proposals will be received by the City of Middletown, Ohio, and the participating entities of Southwest Ohio Purchasers for Government (SWOP4G) in the Purchasing Office, second floor, City Building, One Donham Plaza, until 11:00 a.m., Wednesday, July 12, 2017, at which time such proposals will be publicly opened for the following item:

ROAD SALT

A certified check on a solvent bank, drawn and made payable to the Treasurer of the City of Middletown, Ohio, or a bid bond by a surety company licensed to do business in Ohio, in a sum not less than 5% of the total amount of the bid, as surety for the execution of the contract, shall accompany each proposal. The checks of all bidders will be returned upon the execution and securing of the contract.

The successful bidder will be required to execute the contract and to provide a 100% performance bond within ten (10) days after the award of the contract if so requested by the individual entities. In case the bidder neglects to so execute the contract, the check accompanying the proposal shall be forfeited to the City of Middletown, not as a penalty, but as liquidated damages.

Detailed specifications, proposal forms and instructions to vendors may be obtained in the Purchasing Office.

Cindy Strayer
Purchasing Agent

THE CITY OF MIDDLETOWN DOES NOT DISCRIMINATE ON THE BASIS OF RACE, COLOR, NATIONAL ORIGIN, SEX, RELIGION, AGE AND HANDICAPPED STATUS IN EMPLOYMENT OR THE PROVISION OF SERVICES.

Publish: June 28, 2017

INFORMATION TO VENDORS

The intent of this bid is to establish a firm price agreement for the purchase of rock salt for the City of Middletown and the participating entities of the Southwest Ohio Purchasers for Government (SWOP4G).

The City of Middletown Purchasing Office has agreed to advertise and solicit bids for the joint purchase of rock salt to obtain the best possible price for all participants. The bid calls for delivered prices for the salt from origin to the individual entities.

The quantities listed on the attached sheets are estimated quantities for each entity. Actual deliveries may be more or less, as the entities require. The successful vendor must have the minimum quantities specified available for each entity, and must deliver to each entity the quantity called for during the contract period. Delivery and invoicing addresses for each entity are attached to this specification.

Each entity will issue a purchase order or letter of intent committing their estimated portion of this request for rock salt.

All sealed bids must be delivered to the City of Middletown Purchasing Office prior to the time specified in the bid request (**11:00 a.m., Wednesday, July 12, 2017**). No proposal may be withdrawn after it has been deposited with the Purchasing Agent of the City of Middletown. Proposal forms and specifications may be secured at the Purchasing Office, City Building, One Donham Plaza, Middletown, Ohio 45042.

All proposals must be made on the forms provided and must be in conformity with this notice. Proposals shall be returned with notice, proposal form and specifications intact. All proposals containing quotes not asked for or which are otherwise not in conformity with this notice, may be considered invalid and may be rejected. The right to reject any and all proposals is reserved by SWOP4G. Formalities may be waived at the option of the organization.

All bids will be opened and read publicly on the bid due date.

A certified check on a solvent bank, drawn and made payable to the Treasurer of the City of Middletown, Ohio, or a bid bond by a surety company licensed to do business in Ohio, in a sum not less than 5% of the total amount of the bid based on estimated tonnage for all entities, as surety for the execution of the contract, shall accompany each proposal. The checks of all bidders will be returned upon the execution of the contract.

Failure of vendor to furnish material complying with the specifications called for in this invitation to bid, or to comply with the terms of this invitation, may be justification to purchase the materials in the open market or to cancel the contract or applicable portions thereof, and award the portions canceled to another supplier. In the event either of the above procedures must be resorted to, the vendor shall be required to reimburse those participating for any expense incurred in excess of the contract price.

GENERAL CONDITIONS

1. The City Manager reserves the right to reject any or all bids, and unless otherwise specified by the bidder, to accept any item in the bid. In case of error in extending the total amount of the bid the unit prices the will govern.
2. Unless otherwise stated in the bid by the bidder, time, in connection with discount offered, will be computed from date of delivery of the supplies or services to carrier when final inspection and acceptance are at a point of origin, or from date of delivery and acceptance at destination when final inspection and acceptance are at this point, or from date correct bill or claim voucher properly certified by the contractor is received if the latter date is later than the date of delivery and acceptance.
3. In case of default by the bidder or contractor, the City of Middletown may procure the articles or services from other sources and hold the bidder or contractor responsible for any excess cost occasioned thereby.
4. Prices should be stated in units of quantity specified.
5. Prices quoted unless otherwise stated by bidder, will be considered as being based on delivery to destination as designated and to include any charges for packing, crating, containers, etc. and being in strict accordance with specifications as shown.
6. Wherever a reference is made in the specification or in describing the material, supplies or services required, of a particular trade name, manufacturers' catalog or model number, the bidder, if awarded a contract will be required to furnish the particular item referred to in strict accordance with the specifications or description unless a departure or substitution is clearly noted and described in the proposal by the bidder.
7. The bidder, if awarded an order or contract, agrees to protect, defend and save harmless the City against any demand for payment for use of any patented material, process, article or device, that may enter into the manufacture, construction, or form a part of the work covered by either order or contract; and he further agrees to indemnify and save harmless the City from suits or actions of every nature and description brought against it for, or on account of any injuries or damages received or sustained by any party or parties, by or from any of the acts of the contractor, his servants, or agents.
8. Samples, when requested, must be furnished free of expense prior to the opening of bids and, if not destroyed, will, upon request, be returned at the bidder's expense.

INSTRUCTIONS TO BIDDERS

1. Each bid must be signed by the bidder with his usual signature. Bids by partnerships must be signed with the partnership name by one of the members of the partnership, or by an authorized representative, followed by the signature and title of the person signing. Bids by corporations must be signed with the name of the corporation, followed by the signature of a person authorized to bind it in this matter.
2. Proposals, to receive consideration, must be received prior to the specified time of closing as designated in the invitation.
3. Envelopes must be sealed when submitted.
4. Separate proposals must be submitted on each reference number.
5. Proposals having any erasures or corrections thereon will be rejected unless explained or noted over the signature of the bidder.
6. Bidders may submit proposals on any one or group of items, provided, however, that the unit price is shown as requested.
7. References in the specification or in describing the material, supplies or services required, of a particular trade name, manufacturers' catalog or model number are made for descriptive purposes to guide the bidder in interpreting the type of material or supplies or nature of the work desired.

They should not be construed as excluding proposals on other types of materials and supplies or of performing the work in a manner other than specified.

However, the bidder's attention is called to paragraph six of the General Conditions as shown above, which must be strictly adhered to.
8. Proposals should be mailed or delivered to the City Purchasing Office, second floor, City Building, One Donham Plaza, Middletown, OH 45042.

CITY OF MIDDLETOWN
AFFIDAVIT FOR DELINQUENT PERSONAL PROPERTY TAX

Pamela S. Burcewicz, being first duly sworn says that he/she is the Customer Solutions Specialist
of Cargill, Inc. - Deicing Technology Business, which company is submitting a bid
to the City of Middletown for Highway Rock Salt
on July 7, 2017. (date)

Affiant says that no personal property taxes are currently due to Butler/Warren County, Ohio, as
of the date of said bid.

Pamela S. Burcewicz
(Signature)

SWORN TO AND SUBSCRIBED before me, a notary public, this 7th day of
July, 2017.

Deseree Caver
(Notary Public)

My Commission expires April 28, 2019.

(ORC 5719.042)



DESEREE CAVER
Notary Public, State of Ohio
My Commission Expires 4/28/2019

CERTIFICATION

ORC Section 3517.13 (I)(3) & (J) (3)

The undersigned hereby certifies that the entity entering into this contract with the City of Middletown is in compliance with ORC Section 3517.13 (I) (1) * or ORC 3517.13 (J) (1)*, whichever is applicable.

Cargill, Inc. - Deicing Technology Business
Print Name of Business

By: Pamela S. Burcewicz
Printed Name Pamela S. Burcewicz

Title: Customer Solutions Specialist

By: _____

Printed Name _____

Title: _____

Knowingly making a false statement on the certification is a felony of the fifth degree and the contract shall be rescinded. ORC Sections 3517.13 (A) (A) and 3517.992 (R) (3).

* These sections of the Ohio Revised Code deal with political contributions to members of City Council by individuals or business entities seeking to do business with the City of Middletown. Vendors should take adequate steps to be sure they are in compliance with these statutes prior to signing this certification.

This certification must be attached to all contracts involving the purchase of goods costing more than \$10,000.00 or services costing more than \$10,000.00.

PROPOSAL FORM

Please provide a delivered price for the salt from origin to the **INDIVIDUAL ENTITIES.** **FREIGHT IS TO BE INCLUDED.** Also list the stockpile and mine to be used for each location.

	Organization	Total Tons	Price/Ton Rock Salt	Stockpile/Mine Location
1.	Batavia Township	650	\$ <u>55.55</u>	<u>North Bend, OH / Avery Island, LA</u>
2.	Bath Township	400	\$ <u>58.18</u>	<u>Columbus, OH / Cleveland, OH</u>
3.	Beavercreek Township	1,000	\$ <u>54.18</u>	<u>Columbus, OH / Cleveland, OH</u>
4.	Beavercreek, City of	7,000	\$ <u>54.18</u>	<u>Columbus, OH / Cleveland, OH</u>
5.	Bellbrook, City of	8,000	\$ <u>55.39</u>	<u>Columbus, OH / Cleveland, OH</u>
6.	Bexley, City of	100	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
7.	Blendon Township	400	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
8.	Butler Township	500	\$ <u>60.36</u>	<u>Columbus, OH / Cleveland, OH</u>
9.	Cardington, Village of	100	\$ <u>51.77</u>	<u>Cleveland, OH / Cleveland, OH</u>
10.	Cedarville, Village of	200	\$ <u>58.46</u>	<u>Columbus, OH / Cleveland, OH</u>
11.	Central Ohio Transit Authority	400	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
12.	Clearcreek Township	1,800	\$ <u>56.11</u>	<u>North Bend, OH / Avery Island, LA</u>
13.	Clermont County	9,000	\$ <u>53.99</u>	<u>North Bend, OH / Avery Island, LA</u>
14.	Clinton Township	250	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
15.	Concord Township	1,250	\$ <u>49.77</u>	<u>Cleveland, OH / Cleveland, OH</u>
16.	Dayton City Schools	300	\$ <u>60.44</u>	<u>Columbus, OH / Cleveland, OH</u>
17.	Dayton, City of	6,000	\$ <u>55.44</u>	<u>Columbus, OH / Cleveland, OH</u>
18.	Dublin, City of	2,000	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
19.	Englewood, City of	1,200	\$ <u>58.88</u>	<u>Columbus, OH / Cleveland, OH</u>
20.	Evendale, Village of	300	\$ <u>53.94</u>	<u>North Bend, OH / Avery Island, LA</u>
21.	Farmersville, Village of	150	\$ <u>61.52</u>	<u>Columbus, OH / Cleveland, OH</u>
22.	Franklin County	500	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
23.	Franklin Township	200	\$ <u>56.11</u>	<u>North Bend, OH / Avery Island, LA</u>
24.	Gahanna, City of	2,000	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
25.	Genoa Township	800	\$ <u>53.92</u>	<u>Cleveland, OH / Cleveland, OH</u>
26.	German Township	400	\$ <u>60.63</u>	<u>Columbus, OH / Cleveland, OH</u>
27.	Germantown, Municipality of	750	\$ <u>60.63</u>	<u>Columbus, OH / Cleveland, OH</u>
28.	Glendale, Village of	400	\$ <u>53.43</u>	<u>North Bend, OH / Avery Island, LA</u>

29.	Goshen Township	700	\$ <u>55.55</u>	<u>North Bend, OH / Avery Island, LA</u>
30.	Grandview Heights, City	750	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
31.	Greater Dayton RTA	200	\$ <u>60.63</u>	<u>Columbus, OH / Cleveland, OH</u>
32.	Greene County	7,500	\$ <u>58.45</u>	<u>Columbus, OH / Cleveland, OH</u>
33.	Harlem Township	275	\$ <u>54.35</u>	<u>Cleveland, OH / Cleveland, OH</u>
34.	Harrison Township, Montgomery County	1,500	\$ <u>59.92</u>	<u>Columbus, OH / Cleveland, OH</u>
35.	Huber Heights, City of	2,000	\$ <u>55.68</u>	<u>Columbus, OH / Cleveland, OH</u>
36.	Indian Hill, Village of	2,000	\$ <u>55.05</u>	<u>North Bend, OH / Avery Island, LA</u>
37.	Jackson Township	200	\$ <u>60.31</u>	<u>Columbus, OH / Cleveland, OH</u>
38.	Jefferson Township, Montgomery County	700	\$ <u>60.49</u>	<u>Columbus, OH / Cleveland, OH</u>
39.	Kettering, City of	6,000	\$ <u>55.44</u>	<u>Columbus, OH / Cleveland, OH</u>
40.	Mad River Local Schools	100	\$ <u>61.21</u>	<u>Columbus, OH / Cleveland, OH</u>
41.	Mason, City of	5,000	\$ <u>53.45</u>	<u>North Bend, OH / Avery Island, LA</u>
42.	Miami County	5,000	\$ <u>58.32</u>	<u>Columbus, OH / Cleveland, OH</u>
43.	Miami Township, Clermont County	500	\$ <u>55.05</u>	<u>North Bend, OH / Avery Island, LA</u>
44.	Miami Township, Montgomery County	3,000	\$ <u>56.71</u>	<u>Columbus, OH / Cleveland, OH</u>
45.	Miamisburg, City of	3,000	\$ <u>56.71</u>	<u>Columbus, OH / Cleveland, OH</u>
46.	Middletown, City of	4,500	\$ <u>54.35</u>	<u>North Bend, OH / Avery Island, LA</u>
47.	Milford, City of	700	\$ <u>55.05</u>	<u>North Bend, OH / Avery Island, LA</u>
48.	Monroe, City of	2,000	\$ <u>55.05</u>	<u>North Bend, OH / Avery Island, LA</u>
49.	Montgomery County Engineer	6,000	\$ <u>56.44</u>	<u>Columbus, OH / Cleveland, OH</u>
50.	Montgomery County Facilities Management	100	\$ <u>60.38</u>	<u>Columbus, OH / Cleveland, OH</u>
51.	Moraine, City of	1,500	\$ <u>59.95</u>	<u>Columbus, OH / Cleveland, OH</u>
52.	Mount Gilead, Village	200	\$ <u>51.32</u>	<u>Cleveland, OH / Cleveland, OH</u>
53.	New Albany, City of	2,500	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
54.	New Carlisle, City of	300	\$ <u>59.29</u>	<u>Columbus, OH / Cleveland, OH</u>
55.	New Jasper Township	100	\$ <u>59.73</u>	<u>Columbus, OH / Cleveland, OH</u>
56.	Oakwood, City of	500	\$ <u>61.43</u>	<u>Columbus, OH / Cleveland, OH</u>
57.	Obetz, Village of	400	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
58.	Pierce Township	1,400	\$ <u>54.44</u>	<u>North Bend, OH / Avery Island, LA</u>
59.	Piqua, City of	2,500	\$ <u>58.77</u>	<u>Columbus, OH / Cleveland, OH</u>
60.	Riverside, City of	3,000	\$ <u>55.85</u>	<u>Columbus, OH / Cleveland, OH</u>
61.	Sharonville, City of	1,000	\$ <u>53.94</u>	<u>North Bend, OH / Avery Island, LA</u>

62.	St. Bernard, Village	500	\$ <u>53.43</u>	<u>North Bend, OH / Avery Island, LA</u>
63.	Sugarcreek Township	500	\$ <u>60.97</u>	<u>Columbus, OH / Cleveland, OH</u>
64.	Tate Township	300	\$ <u>56.11</u>	<u>North Bend, OH / Avery Island, LA</u>
65.	Trenton, City of	400	\$ <u>55.05</u>	<u>North Bend, OH / Avery Island, LA</u>
66.	Trotwood, City of	1,500	\$ <u>60.76</u>	<u>Columbus, OH / Cleveland, OH</u>
67.	Union Township	2,300	\$ <u>53.94</u>	<u>North Bend, OH / Avery Island, LA</u>
68.	Union, City of	400	\$ <u>60.55</u>	<u>Columbus, OH / Cleveland, OH</u>
69.	Upper Arlington, City of	1,000	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
70.	Vandalia, City of	2,000	\$ <u>55.44</u>	<u>Columbus, OH / Cleveland, OH</u>
71.	Washington Township (Montgomery County)	2,000	\$ <u>56.96</u>	<u>Columbus, OH / Cleveland, OH</u>
72.	Washington Township (Clermont County)	100	\$ <u>56.11</u>	<u>North Bend, OH / Avery Island, LA</u>
73.	West Carrollton, City of	1,500	\$ <u>59.69</u>	<u>Columbus, OH / Cleveland, OH</u>
74.	West Jefferson, Village	500	\$ <u>56.69</u>	<u>Columbus, OH / Cleveland, OH</u>
75.	West Milton, Municipality of	300	\$ <u>59.29</u>	<u>Columbus, OH / Cleveland, OH</u>
76.	Whitehall, City of	3,000	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
77.	Williamsburg Twp	125	\$ <u>56.11</u>	<u>North Bend, OH / Avery Island, LA</u>
78.	Worthington, City of	2,000	\$ <u>52.79</u>	<u>Columbus, OH / Cleveland, OH</u>
79.	Xenia, City of	1,200	\$ <u>58.45</u>	<u>Columbus, OH / Cleveland, OH</u>
80.	Xenia Twp	600	\$ <u>59.82</u>	<u>Columbus, OH / Cleveland, OH</u>
81.	Yellow Springs Village	220	\$ <u>58.76</u>	<u>Columbus, OH / Cleveland, OH</u>
82.	Wright Patterson AFB	2,150	\$ <u>NO BID</u>	<u>Columbus, OH / Cleveland, OH</u>

Piling Charge Per Ton (all locations) \$ 4.50

Performance Bond: Cost per \$1,000 \$ 0.00 /\$1,000

Terms: Net 30 days

Date: July 7, 2017

Company Name: Cargill, Inc. - Deicing Technology Business

Address: 24950 Country Club Blvd., Ste. 450

City State & Zip Code: North Olmsted, OH 44070

Telephone No. 800-600-7258 Fax No. 888-739-8705

Authorized Signature: *Pamela S. Burcewicz*
Pamela S. Burcewicz

Contact Person for Orders / Email Address: Customer Service; bid_cdt@cargill.com

CITY OF MIDDLETOWN
ROCK SALT
GENERAL SPECIFICATIONS

1.0 SCOPE

For furnishing during the period of the contract, the commodity listed herein, as required by participating entities and divisions from time to time.

2.0 PRICE AGREEMENT

Bid price shall remain firm during the term of the contract.

3.0 PERFORMANCE BOND

Each individual entity may, at its option, require a 100% performance bond for the total tonnage required by that entity. The cost of the performance bond will be added to the price of the salt, and will be considered in the award determination. The cost of the performance bond must be listed on the proposal page.

4.0 DELIVERY

The material shall be delivered as required to the participating entities at the addresses listed on the attached listing of delivery and invoicing addresses.

A blanket purchase order or letter of intent will be issued by each entity. Releases will be made off these blanket purchase orders or letters as required.

Vendor will be required to start delivery to storage facility within 48 hours of initial order and have entire order delivered within 96 hours. Delivery must be made between the hours of 8:00 a.m. and 3:30 p.m., Monday through Friday. Delivery at other times will be allowed only with prior approval of the authorizing entity.

5.0 CONTRACT PERIOD

The Southwest Ohio Purchasers for Government is interested in a contract from August 1, 2017 through July 31, 2018.

6.0 INVOICING

Invoices shall be sent directly to each entity. Invoicing addresses are on the attached listing.

7.0 AWARD

Prices should be bid in the units requested. The City reserves the right to reject any or all bids. A representative of SWOP4G reserves the right to determine what is or is not in the best interests of the entities.

8.0 AWARDING CRITERIA

In making an award, each participating entity will evaluate the bids received and will issue its own purchase order or letter of intent based upon the lowest and best bid to that entity. Consideration will also be given to the factors listed below, as well as other factors, which are considered pertinent.

- 1) Past experience of municipalities with the vendors.
- 2) Total delivered net price.
- 3) Delivery time.
- 4) Compliance with specifications.
- 5) Salt availability and stockpile capacity.
- 6) Domestic salt vs. Off-shore salt

9.0 BIDDER QUALIFICATIONS

Bidder must include with the bid a statement detailing how long the company has been in the business of supplying highway rock salt to public entities. References may be required during the evaluation process. Bidders may be requested to provide a listing of public accounts where a minimum of 1,000 Tons of highway rock salt was delivered.

10.0 REQUIREMENTS AND DATA

Estimates are for a twelve (12) month period and are on a "more or less" basis. Actual orders may be more or less than estimated.

Estimates indicated will be used solely for the purpose of making a tabulation of bids.

Domestic salt is preferred. If foreign salt is to be supplied by the vendor, it must be clearly identified in the bid document, and will be taken into consideration when evaluating bids.

Bids will be accepted for delivery to individual entities only. Bids will not be accepted for a total tonnage to be supplied to the entire organization.

11.0 DEFAULT STATUS

Any entity that has placed a vendor in default with the entity will not be required to place an order with that vendor until the default status has been lifted.

12.0 ADDITIONAL PARTICIPATION

Other SWOP4G entities may wish to participate in this bid. Please indicate if this participation will be permitted.

Yes * No If "yes", SWOP4G must give prior approval.

13.0 SUBMISSION OF BIDS

All bids must be received in the Middletown Purchasing Office, no later than 11:00 a.m., Wednesday, July 12, 2017. Envelopes must be clearly marked, "**Highway Rock Salt, Bid No. 17-7895-14**". Bidders should take caution if U.S. Mails or other carriers are to be used for submission of bids. Mailing should be made in sufficient time for bids to arrive at the City Purchasing Office prior to the time and date specified above.

13.0 CONTACT PERSON

Please provide name and telephone number of contact person:

Name: Ashley Sliffe Phone No.: 800-600-7258

14.0 ADDITIONAL INFORMATION

Additional information needed in the preparation of the bid package may be obtained by contacting Lisa Koppin, Montgomery County, 937/225-4902, or by e-mail at koppinl@mcOhio.org.

****15.0 AFLCMC/PZIO, Wright Patterson AFB, Ohio (Entity No. 82)**

Wright-Patterson AFB (WPAFB) is not subject to any SWOP4G bylaws, specifications, rules, regulations or state law associated with the procurement salt. Wright-Patterson AFB (WPAFB) is submitting its proposed salt needs for informational purposes only and is not obligated to purchase any salt. Should WPAFB determine that it intends to purchase salt, it may do so with no obligation to use the bid pricing submitted to the SWOP4G. Any purchase made by WPAFB is governed exclusive by Federal laws and regulations to include, but not limited to, the Federal Acquisition Regulation and its supplements.

WPAFB's purchase of salt is subject to the provisions of the Anti-Deficiency Act, 31 U.S.C. 1341. WPAFB's inclusion of its salt needs shall not be interpreted to require WPAFB to commit, obligate, appropriate or spend funds or support in violation of the Anti-Deficiency Act and other applicable laws respecting federal funding. WPAFB's participation with the SWOP4G is strictly subject to budget limitations and availability of funds.

TECHNICAL SPECIFICATIONS
SECTION A: SODIUM CHLORIDE (ROCK SALT)

All trucks and stockpiles other than mine location, shall be adequately covered to assure that the sodium chloride will be delivered in a free flowing, usable condition.

Bidders shall list below the location of all mines from which rock salt will be taken to fulfill this contract:

Cleveland, OH _____
Avery Island, LA _____

Bidder shall also list below the working capacity of each stockpile to be used:

Cleveland, OH - 900,000 _____
Columbus, OH - 200,000 _____
North Bend, OH - 150,000 _____

The City of Middletown and participating entities reserve the right to spot check truck and/or trailer loads at point of delivery, for weight confirmation to that shown on weight slip or invoice (including tare weight if deemed advisable). Upon direction by authorized personnel, truck shall proceed to the nearest independent scale for such weight determination.

Salt containing free water, foreign matter, or lumps will be rejected at point of delivery. Salt must be "Free-Flowing," be in such graduation to be blown, and shall meet Ohio State Highway Department Specifications, Section 712.03. Sufficient non-caking additive shall be incorporated in the delivered material in order to prevent caking under normal outdoor storage conditions.

Where there is evidence of moisture in excess of 2.00%, a composite sample of salt shall be taken from the truck and tested for moisture content.

Sodium Chloride shall be of fresh stock. Reclaimed salt will not be accepted. Grade shall be "Course Crystal" as required. Screening shall conform to the following size requirements:

<u>U.S. Screen Size</u>		<u>"CC" Scale</u>
3/8"	% Passing	100
#4	% Passing	70 Max
#8	% Passing	20 Max.
#12	% Passing	5 Max.

Tests of rock salt delivered under the contract may be made from time to time and any which does not conform to the specifications will be returned to the contractor at his expense. If the vendor cannot supply salt meeting these specifications in a reasonable period of time, the entity will purchase the salt elsewhere on the open market and charge the vendor in non-compliance for the difference in price.

Salt shall be delivered as needed in motor transport loads. All salt deliveries shall be made as agreed upon by each entity with the successful vendor. Salt shall not be unloaded on the ground or outside of a salt shed without specific permission. Twenty-four (24) hour notice of delivery must be made to dispatcher or contact person at telephone number listed on attached listing.

All deliveries of sodium chloride shall include:

- 1) Adequate equipment to stock salt, such as conveyor, blower, slinger, etc., as needed for the particular installations utilized at the delivery destination.
- 2) If the type of unloader or the maximum height to be unloaded is unknown it will be the responsibility of the vendor to contact those participating for the information.

A deduction equal to that assessed when unloading equipment is used will be deducted from invoice when said equipment is requested by the entity, but not used in the placement of sodium chloride.

Vendors will be responsible for any damage caused to equipment due to foreign materials in the salt. Vendors will also be responsible for any damage to salt storage building resulting from the improper piling of salt, and or caked salt (including equipment and labor costs).

Salt Delivery and Invoicing Addresses for 2017-2018 Salt Season

No.	Entity	Contact Name	Contact Telephone	Contact Fax No.	Delivery Addresses	Invoicing Addresses	Est. Tons
1.	Batavia Township	Ken Embry	513/732-1363 513/615-6719	513/732-3988	2401 Old State Route 32 Batavia, OH 45103	1535 Clough Pike Batavia, OH 45103	650
2.	Bath Township	Vern Heizer	937/878-9481	937/878-9081	1018 Yellow Springs-Fairfield Fairborn, OH 45324	1006 Yellow Springs-Fairfield Fairborn, OH 45324	400
3.	Beavercreek Township	Tim Parks	937/603-1371	937/427-6576	1981 Dayton-Xenia Rd Beavercreek, OH 45434	851 Orchard Lane Suite C Beavercreek, OH 45434	1,000
4.	Beavercreek, City of	Todd Brandenburg	937/427-5540	937/431-5023	2260 Dayton-Xenia Road. Beavercreek, OH 45434	1368 Research Park Dr Beavercreek, OH 45432	7,000
5.	Bellbrook, City of	Dale Wilson	937/848-8415	937/848-5197	29 N. West St Bellbrook, OH 45305	15 E Franklin St Bellbrook, OH 45305	200
6.	Bexley, City of	Andy Bashore	614/559-4220	614/559/4201	2777 Delmar Dr Bexley, OH 43209	2242 E. Main St Bexley, OH 43209	100
7.	Blendon Township	John Giamarco	614/882-2673	N/A	6360 Hempstead Rd. Westerville, OH 43081	6360 Hempstead Rd. Westerville, OH 43081	400
8.	Butler Township	Erika Vogel	937/890-6735	937/898-5308	3710 W. National Rd Dayton, OH 45414	3510 Sudachi Dr. Dayton, OH 45414	500
9.	Cardington, Village of	Debra Fry	419/864-7607	419/864-0536	120 E. Williams St Cardington, OH 43315	P.O. Box 10 Cardington, OH 43315	100
10.	Cedarville, Village of	Paul Terrell	937/371-6151	937/766-9378	301 Palmer Dr Cedarville, Ohio 45314	P.O. Box 51 Cedarville, OH 45314	200
11.	Central Ohio Transit Authority	Vickie Buchanan	614/275-5875	614/275-5903	1325 Essex Ave Columbus, OH 43201	33 N High St Columbus, OH	400
12.	Clearcreek Township	Scott Smith	937/748-3350	937/748-3252	7593 Bunnell Hill Road Springboro, OH 45066	7593 Bunnell Hill Rd. Springboro, OH 45066	1,800
13.	Clermont County	Todd Slone	513/732-8090	513/732-8055	1. 4009 Filager Rd. Batavia, OH 45103 2. Buchanan House 2460 State Rt. 743, Moscow, OH 45153 3. Miami Twp Barn 5900 McPicken Dr.; Milford	Clermont County Engineer's Office 2381 Clermont Center Drive Batavia, OH 45103-1959	9,000

Salt Delivery and Invoicing Addresses for 2017-2018 Salt Season

No.	Entity	Contact Name	Contact Telephone	Contact Fax No.	Delivery Addresses	Invoicing Addresses	Est. Tons
14.	Clinton Township	Dan Villa	614/452-0815	614/476-9700	3820 Cleveland Ave. Columbus, OH 43224	3820 Cleveland Ave. Columbus, OH 43224	200
15.	Concord Township	Joe Holloway	614/653-2482	740/881-5428	7860 Dublin Road Delaware, OH 43015	6385 Home Rd Delaware, OH 43015	1,250
16.	Dayton City Schools	Rick Rayford	937/270-2129	937/542-3781	2003 N. James McGee Blvd. Dayton, OH 45427	115 South Ludlow Street Dayton, OH 45402	300
17.	Dayton, City of	Mark Riley	937/333-4809	937/333-4816	911 E. Monument Ave, Dayton, OH 45402	911 E. Monument Ave, Dayton, OH 45402	6,000
18.	Dublin, City of	John Babyak	614/410-4718	614/761-6512	6351 Shier Rings Rd Dublin, OH 43016	6555 Shier Rings Rd Dublin, OH 43016	2,000
19.	Englewood, City of	Al Butler	937/836-5106, x401	937/836/0142	1111 Union Blvd. Englewood, OH 45322	333 W. National Rd. Englewood, OH 45322	1,200
20.	Evendale, Village of	James Jeffers	513/563-4338	513/956-2690	2745 Glendale-Milford Rd. Cincinnati, OH 45241	10500 Reading Road Cincinnati, Ohio 45241	300
21.	Farmersville, Village of	Tom Sears	937/696-2020	937/696-2996	44 Maple Street Farmersville, OH 45325	117 E. Walnut St. Farmersville, OH 45325	150
22.	Franklin County	Michael Meeks	614/525-6034		970 Dublin Rd Columbus, OH 43215	970 Dublin Rd Columbus, OH 43215	500
23.	Franklin Township	Greg Hensley	513/876-2077 513/313-2529	513/876-1347	653 St Rte 222 Felicity, OH 45120	PO Box 312 Felicity, OH 45120	200
24.	Gahanna, City of	Russ Sims	614/452-0625	614/342-4100	152 Oklahoma Ave Gahanna, OH 43230	200 S Hamilton Rd Gahanna, OH 43230	2,000
25.	Genoa Township	Bob Mathews	614/774-4929	614/568-2092	7049 Big Walnut Rd. Galena, OH 43021	7049 Big Walnut Rd. Galena, OH 43021	800
26.	German Township	Jeremy Holbrook	937/855-7881 937/620-0176 cell	937/855-4897	12102 St. Rt. 725 W Germantown, OH 45327	12102 St. Rt. 725 W Germantown, OH 45327	400

Salt Delivery and Invoicing Addresses for 2017-2018 Salt Season

No.	Entity	Contact Name	Contact Telephone	Contact Fax No.	Delivery Addresses	Invoicing Addresses	Est. Tons
27.	Germantown, Municipality of	Jonathan Moore	937/855-7270 937/313-1843-cell	937/855-3215	148 S. Water St. Germantown, OH 45327	75 N. Walnut St. Germantown, OH 45327	750
28.	Glendale, Village of	Tom Alderfer	513/678-0207	937/771-7318	528 East Sharon Rd Glendale, OH 45246	30 Village Square Glendale, OH 45246	400
29.	Goshen Township	Robert Seyfried	513/518-5797	513/722-3100	6759 Wood Street Goshen, OH 45122	6757 Goshen Rd. OH 45122	700
30.	Grandview Heights, City of	Darryl Hughes / Steve McKnight	614/488-4728	614/481-6222	1525 Goodale Blvd Columbus, OH 43212	1525 Goodale Blvd Columbus, OH 43212	750
31.	Greater Dayton RTA	Joy DesLauriers-Davis	937/425-8610	937/425-8677	940 Veterans Blvd Dayton, OH 45402	4 South Main St Dayton, OH 45402 Attn. Accts Payable	200
32.	Greene County	W.T. Caldwell	937/562-7514	937/562-7510	615 Dayton-Xenia Rd. Xenia, OH 45385	615 Dayton-Xenia Rd Xenia, OH 45385	7,500
33.	Harlem Township	Bart Walker	740/272-3983	740/965-1310	3784 Rich St Galena, OH 43021	3883 S. St Rte 605 Galena, OH 43021	275
34.	Harrison Township, Montgomery County	Jeff Mutter	937/274-6871	937/274-9157	1) 2409 Rector Ave. Dayton, OH 45414 2) 4397 Payne Ave Dayton, OH 45414	2409 Rector Ave. Dayton, OH 45414	1,500
35.	Huber Heights, City of	Mike Gray	937/233-1562	937/233-4279	7020 Brandt Pike Huber Heights, OH 45424	7020 Brandt Pike Huber Heights, OH 45424	2,000
36.	Indian Hill, Village of	David Yeager	513/831-3712 513/623-2722 cell	513/831-3897	7100 Glendale-Milford Rd. Milford, OH 45150	6525 Drake Rd. Cincinnati, OH 45243	2,000
37.	Jackson Township	Doug Pohl	937/824-0139	937/696-4402	316 W. Walnut St. Farmersville, OH 45325	Attn: Clerk 49 E. Walnut St. Farmersville, OH 45325	200
38.	Jefferson Township, Montgomery County	Randy DeVilbiss	937/262-3591 ext. 207	937/262-3599	1495 S. Union Rd. Dayton, OH 45427	One Business Park Drive Dayton, OH 45427	700
39.	Kettering, City of	Greg Moore / Dave Duritsch	937/296-2472	937/296-3245	1015 E. Dorothy Lane Kettering, OH 45419	2800 Acorn Drive Kettering, OH 45419	6,000

Salt Delivery and Invoicing Addresses for 2017-2018 Salt Season

No.	Entity	Contact Name	Contact Telephone	Contact Fax No.	Delivery Addresses	Invoicing Addresses	Est. Tons
40.	Mad River Local Schools	Darlene Miller	937/237-4275	937/237-4281	1841 Harshman Rd Dayton, OH 45424	801 Old Harshman Rd Riverside, OH 45424	100
41.	Mason, City of	David Riggs	513/229-8580	513/229-8581	3487 Mason-Morrow-Milgrove Rd., Mason, OH 45040	3900 S. St. Rt. 741 Mason, OH 45040	5,000
42.	Miami County	Laura Penny	937/440-5656	937/440-5659	2100 N County Rd. 25-A Troy, OH 45373	Miami County Engineer 2100 N County Rd. 25-A Troy, OH 45373	5,000
43.	Miami Township, Clermont County	John Musselman / Melissa Thompson	513/248-3728 513/659-4664 cell	513/248-5864	5900 McPicken Dr. Milford, OH 45150	6007 Meijer Dr. Milford, OH 45150	500
44.	Miami Township, Montgomery County	Wesley Wade Junior Cope	937/608-7366 937/479-3060	937/859-3537	10891 Wood Rd Miamisburg, OH 45342	10891 Wood Rd Miamisburg, OH 45342	3,000
45.	Miamisburg, City of	Justin Geer	937/603-4620	937/847-6634	Municipal Service Center 600 N. Main St. Miamisburg, OH 45342	Municipal Service Center 600 N. Main St. Miamisburg, OH 45342	3,000
46.	Middletown, City of	Charlie Anderson	513/425-7953	513/425-1877	11400 N. Main St. Middletown, OH 45042	Street Dept. 400 N. Main St. Middletown, OH 45042	4,500
47.	Milford, City of	Ed Hackmeister	513/473-9317	513/248-5096	50 Bay Road Milford, OH 45150	745 Center Street Milford, OH 45150	700
48.	Monroe, City of	Warren Barnes	513/727-8953	513/422-7146	City Garage 1000 Holman Ave. (Service Bldg.) Monroe, OH 45050	P. O. Box 330 Monroe, OH 45050	2,000
49.	Montgomery County Engineer	Walter Arnold	937/837-2528	937/854-3413	(1) 5625 Little Richmond Rd. Dayton, OH 45426 (2) 2759 Diamond Mill Rd. New Lebanon, OH 45345 (3) Butler Twp., 3710 W. National Rd., Dayton, Oh 45414	451 W. Third St. Room 800 Dayton, Oh 45422	6,000
50.	Montgomery County Facilities Management	Hank Stanley	937/776-8014	937/496-7470	455 Infirmary Rd. Dayton, OH 45427	Accounts Payable 451 W Third St Dayton, OH 45422	100

Salt Delivery and Invoicing Addresses for 2017-2018 Salt Season

No.	Entity	Contact Name	Contact Telephone	Contact Fax No.	Delivery Addresses	Invoicing Addresses	Est. Tons
51.	Moraine, City of	Bryan Campbell	937/535-1041	937/535-1319	Street Dept. 4720 Vance Rd. Moraine, OH 45439	Street Dept. 4200 Dryden Rd. Moraine, OH 45439	1,500
52.	Mount Gilead, Village	Bill Swain	419/210-4056	419/946-8111	273 South St. Mount Gilead, OH 43338	72 W. High St Mount Gilead, OH 43338	200
53.	New Albany, City of	Brian Strayer	614/855-0076	614/855-8585	7800 Bevehymr Rd New Albany, OH 43054	PO Box 188 New Albany, OH 43054	2,500
54.	New Carlisle, City of	Ron Wright	937/604-2094	937/845-2338	803 W. Jefferson St. New Carlisle, OH 45344	331 South Church St. New Carlisle, OH 45344	300
55.	New Jasper Township	Vernon Kingsolver	937/286-8443	937/949-4453	750 South New Jasper Station Rd Xenia, OH 45385	3121 Jasper Rd Xenia, OH 45385	100
56.	Oakwood, City of	David Shuey	937/298-0777	937/297-2919	210 Shafor Blvd. Oakwood, OH 45419	30 Park Ave. Oakwood, OH 45419	500
57.	Obetz, Village of	Kevin Hall	614/774-1559		4100 Orchard Lane Obetz, OH 43207	4175 Alum Creek Dr. Obetz, OH 43207	400
58.	Pierce Township	John Koehler Laura Bassett	513/947-2021	513/752-4818	950 Locust Corner Rd. Cincinnati, OH 45245	Attn: Fiscal Office 950 Locust Corner Rd. Cincinnati, OH 45245	1,400
59.	Piqua, City of	Doug Harter	937/418-2976	937/778-2092	Street Dept. 859 S. Main St. Piqua, OH 45356	201 W. Water St. Piqua, OH 45356	2,500
60.	Riverside, City of	Mitch Miller	937/233-1801 937/603-1100	937/237-5956	1791 Harshman Rd. Riverside, OH 45424	5200 Springfield St. Ste 100 Riverside, OH 45431	3,000
61.	Sharonville, City of	Mike Carlson	513/678-1556	513/563-0617	10900 Reading Rd Sharonville, OH 45241	10900 Reading Rd Sharonville, OH 45241	1,000
62.	St. Bernard, Village	Mike Wiedmann	513/242-0086	513/641-1840	5230 Vine St St. Bernard, OH 45217	110 Washington Ave St. Bernard, OH 45217	500
63.	Sugarcreek Township	Barry Tiffany	937/848-8426	937/848-7060	2090 Ferry Rd. Bellbrook, OH 45305-2003	2090 Ferry Road Bellbrook, OH 45305	500

Salt Delivery and Invoicing Addresses for 2017-2018 Salt Season

No.	Entity	Contact Name	Contact Telephone	Contact Fax No.	Delivery Addresses	Invoicing Addresses	Est. Tons
64.	Tate Township	Rob Thacker	513/734-2384		2655 Spring St Bethel, OH 45106	2821 Dean Rd. Bethel, OH 45106	300
65.	Trenton, City of	Rob Leichman	513/988-6304 ext. 157	513/988-9203	223 South Miami St. Trenton, OH 45067	11 East State St. Trenton, OH 45067	400
66.	Trotwood, City of	Johnny McCluskey	937/837-1702	937/837-1502	2400 Olive Rd. Trotwood, OH 45426	3035 Olive Rd. Trotwood, OH 45426	1,500
67.	Union Township	Matt Taylor	513/753-2221	513-753-2690	4722 Summerside Rd Cincinnati, OH 45245	4350 Aicholtz Rd Cincinnati, OH 45245	2,300
68.	Union, City of	John Applegate	937/836-8624	937/836-1240	216 Shaw Rd Union, OH 45322	118 N Main St Union, OH 45322	400
69.	Upper Arlington, City of	Tom Nutini	614/583-3381		4100 Roberts Rd Upper Arlington, OH 43221	3600 Tremont Rd Upper Arlington, OH 43221	1,000
70.	Vandalia, City of	Tammy Wendeln	937/415-2355	937/415-2394	97 Clubhouse Way Vandalia, OH 45377	333 Bohanan Drive. Vandalia, OH 45377	2,000
71.	Washington Township (Montgomery County)	Mike Wanamaker / Ed Schwab	937/433-0152		8190 S. McEwen Rd. Dayton, OH 45458	8200 McEwen Rd Dayton, OH 45458	2,000
72.	Washington Township (Clermont County)	Robin Brewer Alan Dodson	513/553-2072 513/316-3381	513/553-2975	2225 S.R. 756 Moscow, OH 45153	2238 S.R. 756 Moscow, OH 45153	100
73.	West Carrollton, City of	Todd Pemberton	937/847-6075	937/859-3366	250 N. Miami Ave. West Carrollton, OH 45449	300 E. Central Ave. West Carrollton, OH 45449	1,500
74.	West Jefferson, Village	John Mitchell	614/879-5342		81 N. Heath St	28 E. Main St	500
75.	West Milton, Municipality of	Ben Herron	937/698-1500 Ext. 116	937/698-3900	125 N. Jefferson St. West Milton, OH 45383	701 S. Miami St. West Milton, OH 45383	300
76.	Whitehall, City of	Jeff Hart	614/205-7258	614/338-3119	4590 Poth Road Whitehall, OH 43213	360 S. Yearling Road Whitehall, OH 43213	3,000
77.	Williamsburg Twp	Brian Tatman	513/638-9900	513/724-0780	N. 8 th Street Williamsburg, OH 45176	PO Box 499 Williamsburg, OH 45176	125

Salt Delivery and Invoicing Addresses for 2017-2018 Salt Season

No.	Entity	Contact Name	Contact Telephone	Contact Fax No.	Delivery Addresses	Invoicing Addresses	Est. Tons
78.	Worthington, City of	Steven Tennant	614/431-2425	614/785-1885	380 Highland Ave. Worthington, OH 43085	380 Highland Ave. Worthington, OH 43085	2,000
79.	Xenia, City of	Ed Quinlan	937/376-7261	937/372-8151	966 Towler Rd., Xenia, OH 45385	966 Towler Rd., Xenia, OH 45385	1,200
80.	Xenia Twp	Jim Pile	937/239-0857	937/372-3343	8 Brush Row Rd Xenia, OH 45385	8 Brush Row Rd Xenia, OH 45385	600
81.	Yellow Springs, Village	Jason Hamby	937/767-7205		1160 St Rte 343 Yellow Springs, OH 45387	100 Dayton St Yellow Springs, OH 45387	220
82.	AFLCMC/PZIO, Wright Patterson AFB, Ohio	Brian Robinson	937/673-1403	937/656-2085	(1) Bldg 10300 Area A Salt Barn (2) Bldg 20740 Area B Salt Barn	1940 Allbrook Drive WPAFB, OH 45433-7200	2,150
	**See item 15.0 in General Specifications						

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That Cargill, Incorporated, a Corporation duly organized and existing under the laws of the State of Delaware, and having its Home Office in the City of Minneapolis, Minnesota, has made, constituted and appointed, and does by these presents, constitute and appoint:

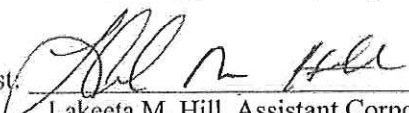
Hannah Akers	Chris Gampfer	Lisa O'Neal
Jim Anderson	Nadine Gilbert	Aileen Orlando
Dawn Bekoscke	Jim Hart	Angele Peterson
Thomas Bowling	Kenneth G. Howe	Stewart Petrick
Stacey Bruzda	Gail Hubbell	John Petryszyn
Pamela S. Burcewicz	Brittney Ingold	Sean M. Riley
Deseree Caver	Rebekah Irish	Tameka Roby
Jean Davis	Robin Kiewatt	Christine M. Rupert
Elaine Dembinski	Mary Kleiner	Anna Sarley
Tony DiPietro	Amanda Knaus	Ashley Sliffe
Adam Donegan	Denise A. Koch	George Varga
Ken Ellen	Sarah Liederbach	Ryann Walsh
Ron Erjavec	Alison Marincek	Danielle Wilford
Joshua D. Evcic	Richard Maxfield	Roger Wilson
Courtney Fugate	Bill Miller	Chet Womack

each its true and lawful Attorneys-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver bids, bid bonds, contracts, performance bonds, and such other documents as may be necessary or required in connection with the bid, sale or delivery of mineral rock salt, solar salt, salt chemical mixtures, evaporated salt, and/or road deicing salt, to any state, county, city, municipality, or corporate body with which the Company may do business and to bind the Corporation thereby as fully and to the same extent as if such documents were signed by an officer of Salt, sealed with the Corporate Seal of the Corporation and duly attested by its Assistant Corporate Secretary, hereby ratifying and confirming all the said Attorney(s)-in-Fact may do in the premises.

IN WITNESS WHEREOF, Cargill, Incorporated has caused these presents to be signed by its President, Cargill Deicing Technology, and its Assistant Corporate Secretary, and its Corporate Seal to be hereunto affixed this 6th day of March, 2017.

Cargill, Incorporated

By: 
Richard Maxfield, President, Cargill Deicing Technology

Attest: 
Lakeeta M. Hill, Assistant Corporate Secretary

STATE OF OHIO

) ss

COUNTY OF CUYAHOGA

On July 7, 2017, before me, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared Pamela S. Burcewicz known to me to Attorney-in-Fact of CARGILL, INCORPORATED, the Corporation described in and that executed the within and fore-going instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation; and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in the certificate above.

Deseree Caver

Notary Public



DESEREE CAVER
Notary Public, State of Ohio
My Commission Expires 4/22/2019

BID BOND

KNOW ALL BY THESE PRESENTS, That we, Cargill, Incorporated - Deicing Technology
_____ of 24950 Country Club Blvd., Ste. 450, North Olmstead, OH 44070

(hereinafter called the Principal), as Principal, and Liberty Mutual Insurance Company

(hereinafter called the Surety), as Surety are held and firmly bound unto the Treasurer of the City of
Middletown, Ohio

(hereinafter called the Oblige) in the penal sum of three hundred sixty six thousand and six hundred
thirteen and 54/100-----|----- Dollars \$366,613.54)

for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors
and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, That WHEREAS, the Principal has submitted or is about to
submit a proposal to the Oblige on a contract for Bulk Road Salt

NOW, THEREFORE, If the said Contract be timely awarded to the Principal and the Principal shall, within such time as may be
specified, enter into the Contract in writing, and give bond, if bond is required, with the surety acceptable to the Oblige for
the faithful performance of the said Contract, then this obligation shall be void; otherwise to remain in full force and effect.

Signed and sealed this 7th day of July, 2017.

Steph Steffe
_____ Witness

Cargill, Incorporated - Deicing Technology (Seal)
Principal

Pamela S. Burcewicz
Pamela S. Burcewicz Title
Customer Solutions Specialist

Ann Kloempton
_____ Witness

Liberty Mutual Insurance Company
By *S.R. Donovan*
S.R. Donovan Attorney-in-Fact



THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 6830523

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Brian Turnwall; S.R Donovan

all of the city of Wayzata, state of MN each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 8th day of January, 2015.

American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary



STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 8th day of January, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 7th day of July, 2017.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.



Cargill is an international producer and marketer of food, agricultural, financial and industrial products and services. Founded in 1865, our privately held company employs 130,000 people in 63 countries. We help customers succeed through collaboration and innovation, and are committed to sharing our global knowledge and experience to help meet economic, environmental and social challenges.

Cargill Deicing Technology is a business unit of Cargill, Incorporated. It has been in the deicing salt business for over fifty years. Three domestic salt mines located in Lansing NY, Cleveland OH, and Avery Island LA allows Cargill Deicing Technology to produce up to 7 million tons of rock salt per year.

As of June 2016, Cargill Incorporated has earnings from continuing operations of \$1.58 billion on sales and other revenues of \$107.2 billion, is solidly and consistently profitable and currently has long-term debt outstanding carrying ratings of "A2" and "P-1" with Moody's and S&P, respectively. Our Dun & Bradstreet Rating is 5A1.

Cargill Deicing Technology has consistently been successful in furnishing the needs for bulk deicing salt customers. Cargill Deicing Technology has strategically located shipping depots to insure, during peak demand times, that our customers will obtain the salt they need to keep their streets and highways dry and free of ice and snow.

Attached is a list of references from some of Cargill Deicing Technology's other major customers. Please consider our excellent service capabilities as a factor in choosing your supplier.

For more information, please visit our websites:

Cargill Incorporated

www.cargill.com

Cargill Deicing Technology

www.cargilldeicing.com

Deicing Technology
Tel 800-600-7258
24950 Country Club Blvd., Ste. 450
North Olmsted, OH 44070



Deicing Technology
24950 Country Club Blvd, Suite 450
North Olmsted, OH 44070

CUSTOMER REFERENCES

CITY OF CLEVELAND, OHIO

Randall Scott, Acting Commissioner
Division of Streets
601 Lakeside City Hall R25
Cleveland, OH 44114
PHONE 216-664-2093

STATE OF INDIANA

Abigail Chittenden, Vendor Contract Manager
402 W. Washington St W-468
Indianapolis, IN 46204
PHONE 317-234-6906

STATE OF KENTUCKY

Michael Williams, Snow and Ice Coordinator
11234 Wilkinson Blvd.
Frankfort, KY 40622-0001
PHONE 502-782-5616

STATE OF OHIO

Thomas Pannett, Administrator
1980 West Broad St.
Columbus, OH 43223
PHONE 614-728-2071

STATE OF WEST VIRGINIA

W.Kyle Stollings PE, Director Maintenance Div.
Bldg 5 Rm A-350
1900 Kanawha Blvd., East
Charleston, WV 25305
PHONE 304-558-2901



Deicing Technology
24950 Country Club Blvd., Suite 450
North Olmsted, OH 44070
Phone: 800-600-7258
Fax: 888-739-8705

Friday, July 07, 2017

To Whom It May Concern:

Cargill Incorporated - Deicing Technology Business is an American based corporation. **The salt we propose to supply for your deicing requirements is mined in Cleveland, OH and Avery Island, LA.** Cargill has several domestic stockpiles conveniently located for your salt requirements in Cleveland, Columbus and North Bend, OH.

Please consider the "**BUY AMERICAN**" clause when awarding this contract, as well as the proximity of our stockpile to your locations.

Sincerely,

A handwritten signature in black ink that reads "Pamela S. Burcewicz". The signature is written in a cursive, flowing style.

Pamela S. Burcewicz
Customer Solutions Specialist
Cargill, Inc.- Deicing Technology Business



Technical Information Bulk Ice Control Salt

DESCRIPTION:

Bulk Ice Control Salt is a coarse screened, translucent to white crystalline solid obtained from underground bedded salt deposits by physical mining. The salt is exploited by drilling and blasting with explosives in a manner similar to that used in other types of mineral mining. The mined salt is then crushed, screened and hoisted to the surface where it is stockpiled awaiting distribution as a highway deicing product.

COMPLIANCE:

Bulk Ice Control Salt is not approved for human or animal consumption. It is intended for use only as a chemical deicer on roadways and thoroughfares. This salt complies fully with ASTM Specification D 632-99 Type 1, Grade 1.

ADDITIVES:

Bulk Ice Control Salt may contain Yellow Prussiate of Soda, which is added to improve caking resistance.

APPLICATIONS:

Bulk Ice Control Salt is intended for use as an ice and snow removal agent on highways and other roadways.

PACKAGING AND SHIPPING:

Bulk Ice Control Salt is available only in bulk form. Bulk quantities are shipped by rail or truck.

METHODS OF ANALYSIS:

Methods of analysis and product performance evaluation are taken from the ASTM designations D 632 and E 534.

CHEMICAL ANALYSIS:

Component	Units	Typical	Specification
Sodium Chloride (dry basis) ¹	%	95.8	95.0 min.
Calcium & Magnesium (as Ca) ¹	%	1.1	-
Sulfate (as SO ₄) ¹	%	2.7	-
Water Insolubles ¹	%	0.4	2.0 max.
Surface Moisture ²	%	0.1	1.0 max.
Yellow Prussiate of Soda ³	ppm	50	100 max.

¹By difference of impurities before conditioning.

²110°C for 2 hours before conditioning.

³Optional anticaking agent (sodium ferrocyanide decahydrate).

SIEVE ANALYSIS:

U.S.S. Mesh	Opening Inches	Opening Microns	Typical	Specification
1/2"	0.500	12500	100	100 min.
3/8"	0.375	9500	98	95 - 100
4	0.187	4750	71	20 - 90
8	0.0937	2360	39	10 - 60
30	0.0232	600	11	15 max.

Note: Sieve analysis is reported as percent passing.

BULK DENSITY:

Parameter	Typical	Specification
Pounds per Cubic Foot	75	71 - 79
Grams per Liter	1200	1135 - 1265

Note: Bulk density is reported as loose (uncompacted).

PRODUCING LOCATION: CLEVELAND, OH

Material Number 100011135

No. 4700 Revised December 2013

CARGILL SALT
P.O. Box 5621
Minneapolis, MN
55440
1-888 385-7258

NOTICE: All of the above statements, recommendations, suggestions and data are based on our laboratory results, and we believe same to be reliable. Nevertheless, with the exception of data showing an express guaranty (such as in the case of products specifically designed for use as nutrient supplements), all such statements, recommendations, suggestions and data hereinabove presented are made without guaranty, warranty or responsibility of any kind on our part.



Technical Information

Bulk Ice Control Salt

DESCRIPTION:

Bulk Ice Control Salt is a coarse screened, translucent to white crystalline solid obtained from a domal salt deposit in Louisiana by physical mining. The salt is exploited by drilling and blasting with explosives in a manner similar to that used in other types of mineral mining. The mined salt is then crushed, screened and hoisted to the surface where it is loaded directly into barges.

COMPLIANCE:

Bulk Ice Control Salt is not approved for human or animal consumption. It is intended for use only as a chemical deicer on roadways and thoroughfares. This salt complies fully with ASTM Specification D 632-99 Type 1, Grade 1.

ADDITIVES:

Bulk Ice Control Salt contains Yellow Prussiate of Soda, which is added to improve caking resistance.

APPLICATIONS:

Bulk Ice Control Salt is intended for use as an ice and snow removal agent on highways and other roadways.

PACKAGING AND SHIPPING:

Bulk Ice Control Salt is available only in bulk form. Bulk quantities are shipped by barge.

METHODS OF ANALYSIS:

Methods of analysis and product performance evaluation are taken from the ASTM designations D 632 and E 534.

CARGILL SALT

P.O. Box 5621
Minneapolis, MN
55440
1-888 385-7258

CHEMICAL ANALYSIS:

Component	Units	Typical	Specification
Sodium Chloride (dry basis) ¹	%	98.9	95.0 min.
Calcium & Magnesium (as Ca) ¹	%	0.30	-
Sulfate (as SO ₄) ¹	%	0.74	-
Water Insolubles ¹	%	0.07	2.0 max.
Surface Moisture ²	%	0.02	0.1 max.
Yellow Prussiate of Soda ³	ppm	50	100 max.

¹By difference of impurities before conditioning.

²110°C for 2 hours before conditioning.

³Optional anticaking agent (sodium ferrocyanide decahydrate).

SIEVE ANALYSIS:

U.S.S. Mesh	Opening Inches	Opening Microns	Typical	Specification
1/2"	0.500	12500	100	100 min.
3/8"	0.375	9500	98	95 - 100
4	0.187	4750	79	20 - 90
8	0.0937	2360	42	10 - 60
30	0.0232	600	11	15 max.

Note: Sieve analysis is reported as percent passing.

BULK DENSITY:

Parameter	Typical	Specification
Pounds per Cubic Foot	74	70 - 78
Grams per Liter	1185	1120 - 1250

Note: Bulk density is reported as loose (uncompacted).

PRODUCING LOCATION: AVERY ISLAND, LA

Material Number 100011135

No. 5701 Revised December 2013

NOTICE: All of the above statements, recommendations, suggestions and data are based on our laboratory results, and we believe same to be reliable. Nevertheless, with the exception of data showing an express guaranty (such as in the case of products specifically designed for use as nutrient supplements), all such statements, recommendations, suggestions and data hereinabove presented are made without guaranty, warranty or responsibility of any kind on our part.



SAFETY DATA SHEET

1. Identification

Product identifier Bulk Ice Control Salt with YPS

Other means of identification

SDS number NB2

Synonyms Sodium Chloride (Salt). * Ice Control Salt.

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 CHEMTREC (800) 424-9300

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.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Sodium Chloride	7647-14-5	95.8-99.8
Sodium Ferrocyanide Decahydrate	13601-19-9	0.0050-0.0100

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.
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.
Other	Wear suitable protective clothing.
Respiratory protection	Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. 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.
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 (H2O = 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 - 9

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

Ingestion	Expected to be a low ingestion hazard.
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.

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)		
Acute		
<i>Oral</i>		
LD50	Mouse	4000 mg/kg
	Rat	3000 mg/kg
<i>Other</i>		
LD50	Mouse	2602 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.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

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

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard 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.

Components	Species	Test Results
Sodium Chloride (CAS 7647-14-5)		
Aquatic		
Crustacea	EC50 Water flea (<i>Daphnia magna</i>)	340.7 - 469.2 mg/l, 48 hours
Fish	LC50 Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>)	4747 - 7824 mg/l, 96 hours

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

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. 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.

US. California Proposition 65

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

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

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
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 12-August-2014

Revision date -

Version # 01

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

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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.

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