

SPECIFICATIONS

ROCK SALT

Bid No. 24-034SWOP4G

SOUTHWEST OHIO PURCHASERS FOR GOVERNMENT

Company Name: Cargill, Incorporated- Salt, Road Safety

Contact Person: Hailey Elson

Address: 24950 Country Club Blvd., Suite 450

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

Phone No: 800-600-7258 / **Fax No:** 440-716-0763

*****Bid Opening time/Date: 10:00 A.M. local (Dayton OH) time on
June 21, 2024*****

LEGAL NOTICE NO. 24-034SWOP4G

Electronic bids will be received by the City of Dayton OH (City), on behalf of the participating member entities of Southwest Ohio Purchasers for Government (SWOP4G). Bids will be received by the City of Dayton OH, Division of Procurement, no later than 10:00 A.M. local Dayton OH time on June 21, 2024 **via email only** to: bids@daytonohio.gov with Subject: 24-034SWOP4G Rock Salt Bid. All bids shall be submitted via PDF format. Paper bids will not be accepted.

Bid opening will take place via Zoom at the following information:

Join Zoom Meeting

<https://us02web.zoom.us/j/82864297052?pwd=MDIKajhzUWUrQ1MydHc0all5eWovZz09>

Meeting ID: 828 6429 7052

Passcode: 635005

One tap mobile

+16469313860,,82864297052#,,,,*635005# US

+19294362866,,82864297052#,,,,*635005# US (New York)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 929 436 2866 US (New York)

+1 301 715 8592 US (Washington DC)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

Find your local number: <https://us02web.zoom.us/j/kduGeoDo31>

The City's email system has a maximum capacity of 20 megabytes for incoming messages, which includes the e-mail and any attachments. Should your organization's bid document exceed this limit, your company will need to submit the bid in multiple email documents. Should the bid be submitted in multiple parts, please clearly designate in the email "Subject line", the IFB number followed by Part 1", 'Part 2', and so forth. For example, IFB No. 24-034SWOP4G Part 1, IFB No. 24-034SWOP4G Part 2, etc.

ROCK SALT

A certified check from a solvent bank, drawn and made payable to the City of Dayton OH, or a bid bond issued 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 be mailed directly to the City of Dayton, Division of Procurement. All bidders' checks will be returned upon the execution and securing of a contract.

The successful bidder(s) 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 or bond, accompanying the bid shall be forfeited to the City of Dayton OH, not as a penalty, but as liquidated damages.

Detailed specifications, bid forms and instructions to vendors may be obtained on the City of Dayton OH's website <https://www.daytonohio.gov/bids.aspx>, the SWOP4G website <http://swop4g.org/> or by contacting the City of Dayton OH Division of Procurement:

Maria Cabonce
Buyer
City of Dayton OH
101 W. Third St. Room 514
Dayton OH 45402
937-333-4003 or maria.cabonce@daytonohio.gov

Publish: May 28, 2024

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 Dayton OH and the participating member entities of SWOP4G. SWOP4G is interested in pursuing a contract commencing on August 1, 2024 through July 31, 2025, with an option to renew for 12 months, effective from August 1, 2025 through July 31, 2026. Renewal is not mandatory, but if desired it is an available option to consider.

The City of Dayton OH's Division of Procurement has agreed to advertise and solicit bids for the 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. **Note:** All bid prices shall include, but not limited to, delivery fees, fuel surcharges, and administrative charges and these charges must be included in the cost per ton.

The quantities listed on the attached sheets are **estimated amounts** for each Entity. **Actual deliveries may vary, depending on the specific needs of each entity.** The successful vendor must ensure availability of the minimum quantities specified for each entity, and must fulfill the quantity requirements stipulated for each entity throughout the contract period. **THE BIDDER SHALL NOT SET ANY MINIMUM QUANTITIES OR RECEIVING DATES. This is a MORE OR LESS bid only.** Delivery and invoicing addresses for each Entity are included in this bid document.

Each Entity will issue a purchase order or letter of intent committing their estimated portion of this request for rock salt. These are estimates only and bid will be provided as a MORE OR LESS with NO minimum purchase requirements.

All electronic bids must be delivered to the City of Dayton OH Division of Procurement no later than time and dated specified in the bid request (**10:00 A.M. local (Dayton OH) time on June 21, 2024**). No bid may be withdrawn after it has been deposited with the Purchasing Agent of the City of Dayton OH after the due date and time has passed. Any bids that are received after bid opening deadline will not be considered.

Bid forms and specifications may be secured on the City of Dayton OH's website <https://www.daytonohio.gov/bids.aspx>, the SWOP4G website <http://swop4g.org/>, or by contacting the City of Dayton OH Division of Procurement.

All bids must be made on the forms provided and must be in conformity with this notice. All bids containing quotes that were not requested or do not conform to the requirements outlined in this notice, may be considered invalid and subject to rejection. The City of Dayton and SWOP4G reserve the right to reject any and all bids. Formalities may be waived at the discretion of the organizations.

All bids will be opened via Zoom as described above and will post on SWOP4G's website.

A certified check or bid bond on a solvent bank, drawn and made payable to the City of Dayton OH, 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 bid. The checks and/or bid bonds of all bidders will be returned upon the end of the price agreement period(s).

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 and/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 entities for any expense incurred in excess of the contract price.

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

GENERAL CONDITIONS

1. The City of Dayton OH and SWOP4G Entities reserve the right to reject any or all bids, to waive any irregularities in a bid, or to accept the bid or bids which in the judgment of proper officials, is to the best interest of their Entity. Each Entity reserves the right to accept a part or parts of a bid unless otherwise restricted in the bid. Paper, telephone or faxed bids will not be accepted. In case of error in extending the total amount of the bid, the unit prices then will govern.
2. Title and risk of loss to, and with respect to the items, shall remain in the Vendor's name until the items in a completed state have been delivered to and accepted by the Entity at the location specified on their purchase order. Items which are to be shipped shall be shipped F.O.B. destination unless otherwise specified by the Entity. A packing slip must accompany each such shipment and if a shipment is to a consignee or an agent of the Entity, a copy of the packing slip shall be forwarded concurrently to the Entity. If no such packing slip is sent, the count or weight by the Entity or its agent or consignee is agreed to be final and binding on the Vendor with respect to such shipment.
3. In case of default by the bidder or contractor, the City of Dayton OH and/or SWOP4G Entities 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 amounts specified.
5. Unless otherwise stated by the bidder, quoted prices will be presumed to include all costs associated with delivery to the designated destination, including charges for packing, crating, containers, etc., and must be in strict accordance to the specifications provided.
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 bid by the bidder.
7. The bidder, if awarded an order or contract, agrees to protect, defend and save harmless the City and/or SWOP4G Entities 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 and/or SWOP4G Entities 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, if 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 shall be signed by a duly authorized representative that can bind said company. 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. Bids, to receive consideration, must be received prior to the specified time/date of closing as designated in the bid document.
3. Electronic bids, with bid number and bidder name, must be submitted via email.
4. If multiple bids are submitted by one company, each bid shall be submitted in a separate email and shall be designated by an Option number, i.e., Option #1, Option #2, etc.
5. Bids having any erasures or corrections shall include explanation with signature of authorized representative. Any non-explained erasures or corrections may result in bid being rejected.
6. Bidders may submit bids 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.

General Conditions, paragraph six (6), shall be strictly adhered to, no exception can be taken.

8. Bids shall be emailed to bids@daytonohio.gov with Subject: Rock Salt Bid no. 24-034SWOP4G.

**SOUTHWEST OHIO PURCHASERS FOR GOVERNMENT (SWOP4G)
ROCK SALT**

GENERAL SPECIFICATIONS

1.0 SCOPE

The purpose of this bid is to establish firm pricing for Rock Salt (Sodium Chloride) for participating members of SWOP4G for winter seasons 2024-2025 and 2025-2026.

2.0 PRICE AGREEMENT

Bid price shall remain firm during the term of the contract(s).

Note: All bid prices shall include, but not be limited to, delivery fees, fuel surcharges and administrative charges, and these charges must be included in the cost per ton.

3.0 PERFORMANCE BOND

Each individual Entity may, at its discretion, 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 bid 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 contract or letter of intent will be issued by each Entity. Releases will be made off these blanket purchase orders, contract 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.

Delivery shall be sent directly to each Entity. Delivery addresses are on the attached listing.

Note: Delivery addresses may be subject to change by individual Entity.

5.0 CONTRACT PERIOD

SWOP4G is interested in pursuing a contract commencing on August 1, 2024 through July 31, 2025, with an option to renew for 12 months, effective from August 1, 2025 through July 31, 2026. Renewal is not mandatory, but if desired it is an available option to consider.

6.0 INVOICING

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

Note: Invoicing addresses may be subject to change by individual Entity if so needed.

Prices should be bid in the units requested. The City of Dayton OH and SWOP4G reserve 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(s) 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. All foreign salt shall meet the same requirements as that of domestic salt.

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, in the area designated on pricing page, if this additional participation will be permitted.

13.0 SUBMISSION OF BIDS

All bids must be received via email in the City of Dayton OH Division of Procurement's email, bids@daytonohio.gov, no later than 10:00 A.M. local (Dayton OH) time, on June 21, 2024. Email subjects must be clearly marked, "**Rock Salt Bid No. 24-034SWOP4G**".

14.0 CONTACT PERSON(S)

Please provide name, telephone number and email address of contact person for bid and for order(s) in the area designated on pricing page.

****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.

Invoicing for WPAFB purchases shall be accomplished through the Wide Area Work Flow system as prescribed in DFARS 252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013).

All WPAFB deliveries shall be made by regular dump trucks.

16.0 ADDITIONAL INFORMATION

Additional information concerning this bid package may be obtained by contacting Maria Cabonce, Buyer, City of Dayton OH, 937-333-4003, or by e-mail at maria.cabonce@daytonohio.gov.

Bidder may have to register to do business with each governmental agency as may be required.

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

Chile

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

Cleveland, OH - 275,000 tons

North Bend, OH - 80,000 tons

The City of Dayton OH 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, piler, 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).

ROCK SALT BID NO. 24-034SWOP4G FORM
VENDOR INFORMATION

Company Name: Cargill, Incorporated- Salt, Road Safety

Address: 24950 Country Club Blvd., Suite 450

City State & Zip Code: North Olmsted, OH 44070

Telephone No. 800-600-7258 Fax No. 440-716-0763

Contact Person for Bid: Name: Hailey Elson Phone No.: 800-600-7258

Email Address: Salt_customerocareroadsafety@cargill.com

Contact Person for Orders: Name: Customer Care Phone No.: 800-600-7258

Email Address: Salt_customerocareroadsafety@cargill.com

How long the company has been in the business of supplying rock salt to public entities 50+ years

Details _____

Federal Identification Number (or SSN if sole proprietorship): 41-0177680

SIGNATURE: 

PRINTED NAME AND TITLE: Hailey Elson - Customer Care Representative

By signing this page, you state that you are an authorized representative, and have reviewed and are presenting this proposal on behalf of your business Entity. Please continue completing this exhibit on the next page.

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 review and give approval to additional governmental agencies.

How would rock salt pricing be determined for governmental agencies not listed in this bid? N/A

Piling Charge per Ton (all locations) for 2024-2025 \$ NO BID

Piling Charge per Ton (all locations) for 2025-2026 \$ NO BID

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

Terms: N/A

Date: 6/19/2024

ROCK SALT BID NO. 24-034SWOP4G

REFERENCES

Name of Bidding Company: Cargill, Incorporated- Salt, Road Safety

Please provide the company name, address, contact person, telephone number and email address of three (3) references previously serviced by your Company that will be able to speak to your material quality and customer service standards for the materials described in Bid 24-034SWOP4G.

Company Name: ***Please see attached Reference Sheet***

Address: _____

Contact Person: _____

Telephone Number: _____

Email Address: _____

Company Name: _____

Address: _____

Contact Person: _____

Telephone Number: _____

Email Address: _____

Company Name: _____

Address: _____

Contact Person: _____

Telephone Number: _____

Email Address: _____



Salt, Road Safety
24950 Country Club Blvd, Suite 450
North Olmsted, OH 44070

CUSTOMER REFERENCES

STATE OF KENTUCKY

Jennifer Houchin, Snow and Ice Coordinator
200 Metro Street
Frankfort, KY 40622-0001
PHONE 502-782-3977

STATE OF OHIO

Dean Alatsis, Administrator
1980 West Broad St.
Columbus, OH 43223
PHONE 614-728-2071

STATE OF WEST VIRGINIA

John Estep, Purchasing
Bldg 5 Rm A-350
1900 Kanawha Blvd., East
Charleston, WV 25305
PHONE 304-558-2901

STATE OF MICHIGAN

Steve Motz, Administrator
525 W Allegan St.
Lansing, MI 48909
Phone 517-331-6086

Business Income Tax Questionnaire

The following information is required to determine your City of Dayton, Ohio income tax liability, if any, and to set up your account if required.



Type of Tax Filing: (check all that apply)

- 1. Employee Withholding FEIN # 41-0177680
- 2. Corporate Earnings FEIN # 41-0177680
- 3. Individual Ownership Earnings SSN # _____
- 4. Partnership Earnings FEIN # _____

Company Name Cargill, Incorporated Phone # 952-742-4456

Mailing Address PO BOX 5626 City Minneapolis St. MN Zip 55440-5626

Local Business Address 24950 Country Club Blvd., Suite 450 City North Olmsted St. OH Zip 44070

Check the jurisdictions that we administer that you operate in:

- Dayton City Limits Dayton Wright Brothers Airport Dayton International Airport NONE

Date Business Started in Our Taxing Jurisdiction _____

Your Accounting Period? Calendar Year _____ or Fiscal Year ending on May 31st

Withholding Information *Quarterly Withholding cannot exceed \$600.00

- Do you have employees? Yes or No Date First Employee Started Working in Our Jurisdiction _____
- Do you submit withholdings QUARTERLY* or MONTHLY? Monthly Deposits & Quarterly Returns
- Is this a courtesy withholding for your employees who are residents of the above cities only? Yes or No

Do you rent or sublease property or space in the Dayton jurisdiction to another business or individual? Yes No

If so list Names, Addresses, and Tax ID below. If Yes, do they have employees working at that location? Yes No

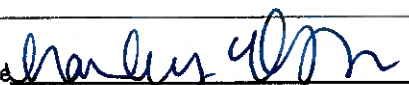
Do you use Subcontractors? Yes No If so list Names, Addresses, and FEIN or Social Security Numbers below.

If you have filed returns with our office before, show Name and Tax ID #s used, and for what tax years you filed.
Corporate earnings returns have been filed for more than the last seven years, with the same name and tax ID number.

Full name of Owner of Company _____

If this is a change of ownership, please provide the date of change, the name, address, and phone number of former owner
N/A

If you are not liable to pay taxes in our jurisdiction, please explain why.

Signature  Title Customer Care Representative Date 6/19/2024

Thank you for your cooperation in this request. For more tax information is available at www.daytonohio.gov
Please return by MAIL or by FAX to: City of Dayton, Division of Revenue & Taxation, 101 West 3rd Street, P.O. Box 2806, Dayton, Ohio 45401
(937) 333-3500 ~ Fax (937) 333-4280

CS-25c

POWER OF ATTORNEY

Cargill, Incorporated – Salt, Road Safety

Cargill, Incorporated, a Corporation duly organized and existing under the laws of the State of Delaware (the "Corporation"), and having its home office in the City of Wayzata, Minnesota, has made, constituted and appointed, and does by these presents, constitute and appoint:

- | | | |
|-------------------|------------------|---------------------|
| Jim Anderson | Shalece Holcomb | Raven Mitchell |
| Rhiannah Antrum | Tatyana Huhn | Chris Morr |
| Libby Boccarosse | Brittney Ingold | Cara Morrison |
| Jessica Bouman | Cindy Jasso | Nora Mouqqadim |
| Heather Campbell | Tom Juhasz | Justen Ollendick |
| Celeste Castaneda | Aaron Keeney | Alyssa Pender |
| Deseree Caver | Amanda Knaus | Angele Peterson |
| Sara Cope | Jake Knighton | Katelyn Rumpf |
| Adam Donegan | Denise A. Koch | Christine M. Rupert |
| Katelyn Duché | Eric Koester | Anna Sarley |
| Hailey Elson | Brittany Kwasny | Robyn Siverd |
| Chris Gampfer | Sarah Liederbach | Malinda Urian |
| Nadine Gilbert | Anthony McAfee | George Varga |

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 Corporation 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 the Salt group, 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 Vice President, Cargill Salt, and its Assistant Corporate Secretary, and its Corporate Seal to be hereunto affixed this 10th day of June, 2024.

Cargill, Incorporated

DocuSigned by:



DocuSigned by:

Christine Rupert

By:

2CA11F3A20554BB...

Christine Rupert, Vice President, Cargill Salt

DocuSigned by:



DocuSigned by:

Matthew R. Wright

Attest:

9C1B5207F4864E1...

Matthew R. Wright, Assistant Corporate Secretary

STATE OF KANSAS

) ss

COUNTY OF SEDGWICK

On June 18th, 2024, before me, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared Hailey Elson 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.





Notary Public



24950 Country Club Blvd., Suite 450
North Olmsted, OH 44070
Phone: 1+800-600-7258

June 14, 2024

Cargill, Inc. – Salt, Road Safety (“Cargill”) is submitting its Bulk Ice Control rock salt to be considered for award by Dayton, Ohio and all its participants. Our Bulk Ice Control salt meets the ASTM D632 Grade 1 specifications for deicer salt. These standard specifications are widely used and accepted by highway and transportation officials across the U.S. While Bulk Ice Control salt does not meet all bid specifications, we ask that you consider our product as a suitable and effective alternative. Please note the following clarifications for our Bulk Ice Control products:

Sieve Size	ASTM D632 (Cargill)	Sieve Size	Bid Specifications
12.5 mm (1/2 in.)	100%	3/8”	100%
9.5 mm (3/8 in.)	95 – 100%	#4	70% Max
4.75 mm (No. 4)	20 – 90%	#8	20% Max
2.36 mm (No. 8)	10 – 60%	#12	5% Max
600 um (No. 30)	0 -15%		

Sincerely,

Justin Hendershot
Food Safety Quality Specialist
Cargill Salt



Cargill, Incorporated is an international producer and marketer of food, agricultural, financial and industrial products and services. Founded in 1865, our privately held company employs over 160,000 people in 70 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, Incorporated is solidly and consistently profitable and currently has long-term debt outstanding carrying ratings of "A2" and "A" with Moody's and S&P, respectively. Our Dun & Bradstreet Rating is 5A1.

Cargill, Incorporated – Road Safety is a business unit of Cargill, Incorporated. It has been in the deicing business for over fifty years. Having domestic salt mines around the country, along with our extensive import network, Cargill has the ability to supply up to 7 million tons of rock salt per year.

Cargill, Incorporated – Road Safety has consistently been successful in furnishing the needs for bulk deicing salt to its customers. Cargill, Incorporated – Road Safety has strategically located shipping depots to ensure, 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.

Please consider our excellent service capabilities as a factor in choosing your supplier.

Cargill, Incorporated is a privately owned company and therefore does not publicly submit its financial records. To see our Annual Report, please refer to www.cargill.com, About Cargill.

*Cargill, Incorporated – Salt, Road Safety
Tel 800-600-7258
24950 Country Club Blvd., Ste. 450
North Olmsted, OH 44070*

Bulk Ice Control Salt



Product Description and Application

Bulk Ice Control Salt

This product is a coarse screened, sodium chloride salt obtained from underground bedded salt deposits extracted by physical mining. This salt is intended for use only as a chemical deicer on highways and roadways.

This salt complies with ASTM D 632, Type 1, Grade 1, Standard Specification for Sodium Chloride. This salt may contain Yellow Prussiate of Soda, which is added to improve caking resistance.

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

Methods of Analysis

Methods of analysis and product performance evaluation based on ASTM E 534, ASTM D 632 and Cargill internal methods.

Producing Locations

This product is mined at Cargill Salt locations, Avery Island, LA; Cleveland, OH; Lansing, NY. Product of the USA.



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) 600-SALT (7258)

Physical Information

Chemical Analysis

PHYSICAL	TYPICAL
Sodium Chloride (dry) CAS No. 7647-14-5 %	98.0
Water Insolubles %	2.0 max.
Surface Moisture %	1.0 max
Yellow Prussiate of Soda* CAS No. 13601-19-9 ppm	50

*Optional anti-caking agent

Sieve Analysis

PERCENT PARTICLE SIZE DISTRIBUTION (SCREENS)	OPENING INCHES	OPENING MICRONS	TYPICAL % PASSING
Sieve - USS 1/2 Mesh Retained	0.500	12500	100
Sieve - USS 3/8 Mesh Retained	0.375	9500	98
Sieve - USS 4 Mesh Retained	0.187	4750	75
Sieve - USS 8 Mesh Retained	0.0937	2360	42
Sieve - USS 30 Mesh Retained	0.0232	600	10

Bulk Density

PARAMETER	TYPICAL
Pounds per Cubic Foot	75
Grams per Liter	1200

Product Configuration

PRODUCT NAME	SAP DESCRIPTION	SAP NUMBER
Bulk Ice Control Salt		
Bulk	DEICER SALT ICE CNTRL BLK DR	100011135

CONTACT

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

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

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SALT-3892 (10/19)

www.cargillsalt.com

www.cargilldeicing.com





SAFETY DATA SHEET

1. Identification

Product identifier Bulk Ice Control Salt with YPS
Other means of identification
SDS number NB2
Synonyms Bulk Rock Salt with YPS * Ice Control Salt. * Halite * Sodium Chloride (Salt).
Recommended use Salt is intended for several industrial applications including deicing.
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.

Supplemental information None.

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 such as: Carbon oxides (CO _x). Hydrogen Chloride (HCl). Hydrogen cyanide. Metal 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 - 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

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.

Bulk Ice Control Salt with YPS

922082 Version #: 02 Revision date: 18-February-2018 Issue date: 12-August-2014

SDS US

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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 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.

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	12-August-2014
Revision date	18-February-2018
Version #	02
HMIS® 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.



COMMERCIAL NAME

DEICING SALT ASTM-632

1.- Chemical Specification

<u>Determination</u>	<u>Unit</u>	<u>Specification</u>	
Sodium Chloride (as NaCl)	(%)	97.00	Min
Moisture	(%)	0.40	Max
YPS	(ppm)	70-100	

2.- Mesh Size

<u>USA Sieve (#)</u>	<u>Unit</u>	<u>Specification</u>
1/2"	(%)	100 Passing
3/8"	(%)	95 - 100 Passing
4	(%)	20 - 90 Passing
8	(%)	10 - 60 Passing
30	(%)	0 - 15 Passing

Revision 0



MATERIAL SAFETY DATA SHEET (MSDS) SALT – SODIUM CHLORIDE

SECTION I – GENERAL

Trade Name: SALT	C.A.S. Number: 7647-14-5
Chemical Name: SODIUM CHLORIDE	Formula: NaCl
Molecular Weight: 58.4428	
Address: Cerro El Plomo 5680 Of 404 Las Condes Santiago Chile	Contacts: Jaime Lagos C. Phone: 56 (2) 24294470 Date Issued: 05-05-2018 Date Revised: 02-03-2023

SECTION II – FIRST AID

Emergency Phone Number: **56 (2) 24294470**
Skin: **Wash with water**
Eyes: **Irrigate with plenty of water**

SECTION III - HAZARDS INFORMATION – HEALTH

Inhalation: **Inhalation of product may cause mild irritation of nose and throat**
Ingestion: **Ingestion of large amounts (greater than 0.1 lb) may cause gastrointestinal upset.**
Skin: **Dust may cause irritation.**
Eyes: **Dust may cause irritation.**
Permissible Concentration: Air: **None established** Biological: **No TLV established**
Unusual Chronic Toxicity: **None**

SECTION IV - HAZARDS INFORMATION

Flash Point °C : **Not flammable** Auto ignition Temp °C : **N/A**
Open Cup Closed Cup
Flammable Limits In Air (% by volume) – **N/A**

SECTION V – PRECAUTIONS/PROCEDURES

Fire Extinguishing Agents Recommended: **N/A** Fire Extinguishing Agents to Avoid: **N/A**
Special Fire Fighting Precautions: **N/A**
Ventilation: **Local exhaust if dusty conditions prevail.**
Normal Handling: **Avoid eye contact or prolonged skin contact.**
Storage: **Wet or damp conditions can cause caking or corrosion of metal contact surfaces.**
Spill or Leak: **Shovel up dry material into an empty container. Flush residue with water down local sewer.**
Special: Precautions/Procedures/Label Instructions: **Store in cool, dry area. No special cautions or labeling are required.**

SECTION VI – PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: **When required, use a respirator approved by NIOSH for product dust.**
Eyes and Face: **In extremely dusty areas, chemical safety goggles should be used.**
Hands, Arms, and Body: **Wear long-sleeved shirts and trousers for routine product handling. Gloves are optional.**
Other Clothing and Equipment: **N/A**

SECTION VII – PHYSICAL DATA

Material is (At Normal Conditions) **Liquid** **Solid** **Gas** _____
 Appearance and Odor: **White crystalline solid. Slight saline odor.**
 Boiling Point: **1465°C** Specific Gravity (H₂O = 1): **2.16** Vapor Density (Air – 1): **N/A**
 Melting Point: **800°C** Vapor Pressure (mm Hg at 20°C): **2.4 mm at 746.9°C**
 Solubility In Water (% By Weight): **26.395 Max at 60°F** ph (20% Solution): **6.5 – 9.5**

SECTION VIII – REACTIVITY DATA

Stability: **Stable** **Unstable**
 Conditions to Avoid: **Wet/damp conditions can cause caking and corrosion.**
 Incompatibility (Materials to Avoid): **None provided the product is dry.**
 Hazardous Decomposition Products: **None**
 Hazardous Polymerization: **May Occur** **Will Not Occur**
 Conditions To Avoid:

SECTION IX – HAZARDOUS INGREDIENTS (Mixtures Only)

Material or Component/ C.A.S. No.: **Sodium Chloride, CAS 7645-14-5**

Weight %:

Hazard Data (See Section J):

SECTION X – ENVIRONMENTAL

Degradability / Aquatic Toxicity: **Product is inorganic and may persist in the environment.** EPA Hazardous Substance?

Yes **No** **If so, reportable quantity** _____ 40 CFR 116 – 117

Waste Disposal Methods (Disposer Must Comply With Federal, State and Local Disposal or Discharge Laws): **Flush to sewer if permitted by applicable disposal regulations.**

RCRA Status of Unused Material: **Not a “hazardous waste.”**

40 CFR 261

SECTION XI – REFERENCES

Permissible Concentration References:

Regulatory Standards: **FDA regulations apply to food use and USP/NF grades (21 CFR).**

USDA regulations apply to use in meat and poultry

products. D.O.T. Classification: **N/A - 49 CFR**

General: **(a) Recommendations of the Salt Institute**

SECTION XII – ADDITIONAL INFORMATION

This product is not for food or drug use unless material is labeled “food grade”, “USP grade”, or “NF grade”, as applicable.

This product safety data sheet is offered solely for your information, consideration and investigation. Compania Minera Punta de Lobos S.A. provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.

Safety Data Sheet
According to Regulation (EC) No 1907/2006

Sodium Ferrocyanide

Version 1.0

Issue date: 15/12/2017

Revision date: 15/12/2017

SDS Record Number: C555-TCO-010-100177

Section 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: Sodium Ferrocyanide
Additional identification: Sodium Ferrocyanide
Identification of the product: CAS#13601-19-9; EC#237-081-9
Index Number: Not available
REACH registration No.: Not available

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

Used for carburizing steel, leather tanning, dyeing, printing, pharmaceutical.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative): Chemical Inspection & Regulation Service Limited
Supplier(Manufacturer): Hebei Chengxin Co., Ltd.
Address: Yuanzhao Road, Yuanshi County, Shijiazhuang City, China
Contact person(E-mail): chengxin@hebeichengxin.com
Telephone: +86-(0)311-84635784
Fax: +86-(0)311-84636311

1.4 Emergency telephone Number:

+353 419806916

Available outside office hours?

YES

NO

Section 2 Hazards Identification

2.1 Classification of the substance/mixture:

2.1.1 Classification:

The substance is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard codes
N/A	N/A

For full text of H- phrases: see section 2.2.

2.2 label elements:

Hazard Pictograms: No hazard pictogram is used.
Signal Word(S): No signal word is used.
Hazard Statement: Not applicable.
Precautionary statement: Not applicable.

2.3 Other hazards:

Not available.

Section 3 Composition/information on ingredients

Substance/Mixture: Substance

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration
Sodium Ferrocyanide	N/A	13601-19-9	237-081-9	99.1%

Section 4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

4.1.2 In case of skin contact:

Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

4.1.3 In case of eyes contact:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

4.1.4 In case of ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

4.2 Most important symptoms and effects, both acute and delayed:

The product is not classified as harmful to human health effect.

4.3 Indication of any immediate medical attention and special treatment needed:

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

The product in fire condition released: Carbon oxides, nitrogen oxides.

5.3 Advice for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Remove all sources of ignition. Ventilate area of leak or spill.

6.1.2 For emergency responders: Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

6.2 Environmental Precautions:

Avoid disposing directly into the aquatic environment without any operations. Cover with damp absorbent (inert material, sand or soil).

6.3 Methods for Containment and Cleaning up:

Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

6.4 Reference to other sections:

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

Section 7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures:

Handle in well ventilated areas. Eliminate all sources of ignition, and do not generate flames or sparks. Take precautionary measures against static discharges.

7.1.2 Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in a tightly closed light-resistant container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances.

7.3 Specific end use(s):

Not applicable.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits:

Not available.

8.1.2 Additional exposure limits under the conditions of use:

Not available.

8.1.3 DNEL/DMEL and PNEC-Values:

Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

8.2.2 Individual protection measures, such as personal protective equipment:

Eyeface protection:

Use chemical safety goggles to prevent skin exposure.

Hand protection:

Wear appropriate gloves to prevent skin exposure.

Body protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection:

A NOISE/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

Thermal hazards:

Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls:

Avoid discharge into the environment.
According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Solid
Colour:	Not available
Odour:	Not available
Odour threshold:	Not available
pH:	Not available
Melting point/range (°C):	Not available
Boiling point/range (°C):	Not available
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Non-flammable

Ignition temperature (°C):	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (20°C):	Not available
Vapour density:	Not available
Relative Density:	Not available
Bulk density (kg/m³):	Not available
Water solubility (g/l):	17.6g/100ml water @ 20°C
n-Octanol/Water (log Po/w):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity, dynamic (mPa.s):	Not available
Explosive properties:	Non explosive
Oxidising properties:	Not oxidizing
Molecular Formula:	C ₆ FeN ₆ Na ₄
Molecular Weight:	303.91
9.2. Other information:	
Fat solubility(solvent– oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available
Specific gravity:	Not available

Section 10 Stability and reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Concentrated acids.
10.5 Incompatible materials:	Concentrated acids.
10.6 Hazardous decomposition products:	As the product in fire conditions: Carbon oxides, nitrogen oxides.

Section 11 Toxicological information

11.1 Information on toxicological effects:	
Acute toxicity:	
LD50(Oral, Rat):	Not available
LD50(Dermal, Rabbit):	Not available
LC50(Inhalation, Rat):	Not available
Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified

Aspiration hazard:

Not classified

Section 12 Ecological information

12.1 Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: Not available.

12.4 Mobility in soil: Not available.

12.5 Results of PBT&vPvB assessment: Not available.

12.6 Other adverse effects: Not available.

Section 13 Disposal considerations

13.1 Waste treatment methods: The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

Section 14 Transport information

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard Class	Not regulated	Not regulated	Not regulated
Packaging group	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of Marpol and the IBC Code	Not regulated	Not regulated	Not regulated

Section 15 Regulation information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Relevant information regarding authorization: Not applicable.

Relevant information regarding restriction: Not applicable.

Other EU regulations: Employment restrictions concerning young person must be observed.
For use only by technically qualified individuals.

Other National regulations: Not applicable

15.2 Chemical Safety Assessment has been carried out? YES NO

Section 16 Other information

16.1 Indication of changes:

Version 1.0 Amended by (EU) 2015/830

Product name: Sodium Ferrocyanide
Version #: 1.0 Issue date: 15-12-2017. Revision date: 15-12-2017.

SDS EU
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16.2 Training instructions:

Not applicable.

16.3 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.4 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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June 20, 2024

TO: Bidders on Rock Salt Bid no. 24-034SWOP4G
FROM: City of Dayton, Ohio
Division of Procurement
SUBJECT: Addendum #1 for above IFB

This addendum is to announce and serve as official notice that we have received questions, and there are changes relating to Rock Salt Bid no. 24-034SWOP4G (see next page).

Please consider this document in preparation of your bid response. The City's Division of Procurement will not be accepting any additional questions or requests regarding this solicitation from the time of posting this Addendum No. 1 to the bid opening date. Please submit bid(s) to the best of your company's abilities. All bids submitted on or before the opening date and time will be considered for acceptance.

To ensure the integrity of the bid/proposal process, a signed copy of this addendum notice shall be included with your company's response to this bid.


Hailey Elson
(Print Name)

06/27/2024
(Date)


(Signature)

Cargill, Incorporated- Salt, Road Safety
(Company Name)

Sincerely,


Buyer



**CITY OF DAYTON
ROCK SALT BID NO. 24-034SWOP4G
ADDENDUM #1**

June 2024

Schedule Update

We are extending the due date for bids and moving the bid opening date to June 28, 2024 at 10:00 a.m.

CORRECTION

1. Montgomery County Engineer's Office (Line no. 54) – The estimated total tons for 2025-2026 is 10,000 more or less. Pricing EXCEL spreadsheet has been updated.

QUESTIONS

2. For the Bid Opening via Zoom, will all the bid prices be read outload?

During the bid opening, attendees are free to review the bid responses while they are shown on the screen.

3. How soon after the bid opening, will the bid tab be available?

The bid tab is estimated to be posted within 2 weeks after the bid opening.