

BID TABULATION - HIGHWAY SALT 2018

HIGHWAY SALT 2018 6-19-2018	CENTRAL SALT	INDEPENDENT SALT COMPANY	GUNTHER SALT COMPANY	MORTON SALT INC	CARGILL INC - SALT ROAD SAFETY	COMPASS MINERALS AMERICA INC
	1420 STATE RD 14 LYON KS 67554	PO BOX 36 KANOPOLIS KS 67454	101 BUCHANAN ST ST. LOUIS MO 63147	444 W. LAKE ST STE 3000 CHICAGO IL 60606	24950 COUNTRY CLUB BLVD STE 450 NORTH OLMSTED OH 44070	9900 W. 109TH ST OVERLAND PARK KS 66210
Bulk Price Per Ton on up to 6,000 for Jefferson County Public Works Department, which includes hauling to the following locations:	NO BID	NO BID		NO BID		
WEST GARAGE - ORDER TO BE BETWEEN 1,000-2,000 TONS			\$85.00		\$77.21	\$73.40
EAST GARAGE - ORDER TO BE BETWEEN 1,000-2,000 TONS			\$85.00		\$77.21	\$73.40
NORTH GARAGE - ORDER TO BE BETWEEN 1,000-2,000 TONS			\$85.00		\$77.21	\$73.40
SALT FOR BRINE SOLUTION - MATERIAL WILL BE SHIPPED TO THE NORTH GARAGE. ORDER TO BE BETWEEN 100-200 TONS			\$130.00		N/A	\$73.40
ESTIMATED TIME FOR DELIVERY AFTER BID AWARD:			2-3 DAYS		3-5 BUSINESS DAYS ARO	5-10 DAYS ARO
ALTERNATE BID OPTIONS:					NONE	
Bulk Price Per Ton on an unspecified size order for Jefferson County Municipalities or other government agencies, which includes hauling to various delivery locations within the County						
MINIMUM NUMBER OF TONS TO BE ORDERED BY EACH AGENCY			25 MINIMUM NUMBER OF TONS		22-25 TONS	N/A
AMOUNT PER TON DELIVERED			\$89.50		\$77.21	NO BID
ESTIMATED TIME FOR DELIVERY AFTER BID AWARD			2-3 DAYS		3-5 BUSINESS DAYS ARO	TBD FALL 2018
ALTERNATE TERMS FOR THIS BID OPTION MAY BE SUBMITTED AND WILL BE CONSIDERED					NONE	

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REQUIRED DOCUMENTS						
NOTARIZED WORK AFFIDAVIT COMPLETED			Y		Y	Y
E-VERIFICATION DOCUMENTATION (Y/N):			N		Y	Y
COPY OF INSURANCE PROVIDED			N		Y	Y
TAX RECEIPTS OR NOTARIZED LETTER STATING NO REAL OR PERSONAL PROPERTY OWNED IN JEFFERSON COUNTY			N		N	Y
COOPERATIVE BID FORM (Y/N)			Y		Y	N
COOPERATIVE CONTACT INFO:			Y		Y	Y
COMPANY INFORMATION AND SIGNATURE			Y		Y	Y
BID DEPOSIT REQUIRED			N/A		N/A	N/A
COMMENTS:	NO BID	NO BID	SEE ATTACHED	NO BID	SEE ATTACHED	SEE ATTACHED



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
 729 MAPLE ST / PO BOX 100
 HILLSBORO MO 63050
 WWW.JEFFCOMO.ORG

BID #: 18-0042

Invitation for Bid: HIGHWAY SALT 2018

Date Issued: 5-17-2018

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, JUNE 19, 2018, AT 2:00 P.M. LOCAL TIME.

**Specification
Contact:**

KURT WENGERT
 Department of Public Works
 636-797-5427
 kwengert@jeffcomo.org

**Contract
Contact:**

VICKIE PRATT
 Department of Administrative Services
 636-797-5380

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME
VENDOR ADDRESS
CONTACT NUMBER **DEPARTMENT OF THE COUNTY CLERK**
 JEFFERSON COUNTY MISSOURI
 729 MAPLE ST / PO BOX 100
 HILLSBORO MO 63050-0100
 SEALED BID: (BID NAME)

Contract Term:
 UPON APPROVAL OF THE
 COUNTY COUNCIL AND
 COUNTY EXECUTIVE

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
Information:**

GUNTHER SALT COMPANY		JOHN M. GUNTHER	
Company Name		Authorized Agent (Print)	
101 BUCHANAN STREET			
Address		Signature	
ST. LOUIS, MO. 63147		PRESIDENT	
City/State/Zip Code		Title	
(314) 241-7075 X109		6/11/18	430785802
Telephone #		Date	Tax ID #
john.gunther@gunthersalt.com		(314) 241-1725	
E-mail		Fax #	

SPECIFICATIONS FOR HIGHWAY SALT

Jefferson County will purchase up to 6,000 tons of bulk salt to be delivered to Highway Maintenance garages located in Jefferson County. A portion of this salt will be used for making a salt brine solution for use during snow emergencies.

All material provided shall meet the requirements of ASTM D 632-99 Type 1 Grade 1 for highway salt intended for highway deicing. All salt shall be uncontaminated, clear of lumps, in a free flowing and usable condition. The salt shall be naturally drained of water with a moisture content of no more than 4%. Salt shall be treated with an anti-caking agent. *Additionally, the salt to be provided for making of a salt brine solution should be clear of calcium carbonate (lime) or sand.*

The County will sample and test the salt at delivery. Material not in conformance with the specification will be subject to rejection or adjustment in price.

All materials will be ordered immediately after award of the bid for delivery during Fall 2018. Delivery may be by dump trailer. Bid will be awarded or rejected within 45 days of opening. This is a firm order for the totals not to exceed the specified amounts in the base bid below with delivery included.

Price will remain in effect until November 1, 2018

BASE BID:

BULK PRICE PER TON on up to 6,000 tons for Jefferson County Public Works Department, which includes hauling to the following delivery locations;

WEST GARAGE – 5275 Hwy. B, Hillsboro, Missouri 63050 – Order to be between 1,000-2,000 tons
\$ 85.00 per ton delivered

EAST GARAGE – 2960 Lee Pyle Road, DeSoto, Missouri 63020 – Order to be between 1,000-2,000 tons
\$ 85.00 per ton delivered

NORTH GARAGE – 6460 Hwy. MM, House Springs, Missouri 63051 – Order to be between 1,000-2,000 tons
\$ 85.00 per ton delivered

SALT FOR BRINE SOLUTION – Material will be shipped to the North Garage, delivery will be discussed with the vendor at time of order – Order to be between 100-200 tons

\$ 130.00 per ton delivered

Estimated time for Delivery after bid award: 2-3 DAYS

Alternative terms for this base bid may be submitted and will be considered:

ALTERNATE BID OPTION:

Jefferson County supports its Municipalities and other government agencies within the County by allowing Cooperative Procurement Contracts on County issued bids. If the bidder is receptive to participating in this potential opportunity, then please complete the Cooperative Bid Form that is a part of this invitation for bid.

BULK PRICE PER TON on an unspecified size order for Jefferson County Municipalities or other government agencies, which includes hauling to various delivery locations within the County;

25 minimum number of tons to be ordered by each agency

\$ 89.50 per ton delivered

Estimated time for Delivery after bid award:

2-3 DAYS

Alternative terms for this bid option may be submitted and will be considered:

JMG



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

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Contract Term:

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COUNTY COUNCIL AND
COUNTY EXECUTIVE

**Vendor
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The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

Cargill, Inc. -Salt, Road Safety	Stacey Bruzda
Company Name	Authorized Agent (Print)
24950 Country Club Blvd. #450	<i>Stacey Bruzda</i>
Address	Signature
North Olmsted, OH 44070	Customer Care Rep I
City/State/Zip Code	Title
800-600-7258	June 15, 2018 41-0177680
Telephone #	Date Tax ID #
stacebug03@yahoo.com	800-467-3409
E-mail	Fax #

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\$ 77.21 _____ per ton delivered

EAST GARAGE – 2960 Lee Pyle Road, DeSoto, Missouri 63020 – Order to be between 1,000-2,000 tons
\$ 77.21 _____ per ton delivered

NORTH GARAGE – 6460 Hwy. MM, House Springs, Missouri 63051 – Order to be between 1,000-2,000 tons
\$ 77.21 _____ per ton delivered

SALT FOR BRINE SOLUTION – Material will be shipped to the North Garage, delivery will be discussed with the vendor at time of order – Order to be between 100-200 tons

\$ N/A _____ per ton delivered

Estimated time for Delivery after bid award: 3-5 Business Days ARO

Alternative terms for this base bid may be submitted and will be considered:

NONE

ALTERNATE BID OPTION:

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BULK PRICE PER TON on an unspecified size order for Jefferson County Municipalities or other government agencies, which includes hauling to various delivery locations within the County;

22-25 tons minimum number of tons to be ordered by each agency
\$ 77.21 per ton delivered

Estimated time for Delivery after bid award:

3-5 business days ARO

Alternative terms for this bid option may be submitted and will be considered:

NONE



Technical Information

Bulk Ice Control Salt

DESCRIPTION:

Bulk Ice Control Salt is a coarse screened, translucent to white crystalline solid obtained from domal salt deposits 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 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 632-99 and E 534-98.

CHEMICAL ANALYSIS:

Component	Units	Typical	Specification
Sodium Chloride (dry basis) ¹	%	98.7	95.0 min.
Calcium & Magnesium (as Ca) ¹	%	0.4	-
Sulfate (as SO ₄) ¹	%	0.9	-
Water Insolubles ¹	%	0.8	2.0 max.
Acid Insolubles ¹	%	0.1	0.2 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	97	95 - 100
4	0.187	4750	55	20 - 90
8	0.0937	2360	35	10 - 60
30	0.0232	600	8	15 max.

Note: Sieve analysis is reported as percent passing.

BULK DENSITY:

Parameter	Typical	Specification
Pounds per Cubic Foot	69	66 - 72
Grams per Liter	1105	1055 - 1155

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

PRODUCING LOCATION:
VARIOUS LOCATIONS ACROSS THE U.S.
and SUSSEX (NB, CANADA)

Material number 100011135

No. 5702 Revised August 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.



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 (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

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		
Oral LD50	Mouse	4000 mg/kg
	Rat	3000 mg/kg
Other		
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 (Daphnia magna)	340.7 - 469.2 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	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

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.



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

Dear Valued Customer,

We are pleased to announce that Cargill, Incorporated – Deicing Technology Business will be transitioning its name to Cargill, Incorporated – Salt, Road Safety to better reflect our mission to protect lives and enhance commerce by providing sustainable Road Safety solutions.

You will notice our new name on the following bid documents and on future documents. As expected, this transition will take time and you will notice either Cargill, Incorporated – Deicing Technology Business or Cargill, Incorporated – Salt, Road Safety on various documents over the course of the year. This change is for naming purposes only as our office location, contact information, remit to addresses, and federal ID will remain the same. We anticipate this transition to be completed by May 31, 2019.

If you have any questions or concerns, please feel free to contact our Customer Care department at 800-600-7258. Thank you.

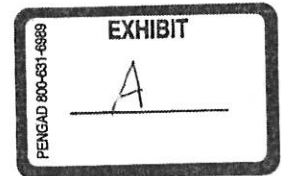
Sincerely,

A handwritten signature in black ink, appearing to read "Stacey Bruzda", written over a horizontal line.

Stacey Bruzda
Customer Care Rep I



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
 729 MAPLE ST / PO BOX 100
 HILLSBORO MO 63050
WWW.JEFFCOMO.ORG



BID #: 18-0042

Invitation for Bid: HIGHWAY SALT 2018

Date Issued: 5-17-2018

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, JUNE 19, 2018, AT 2:00 P.M. LOCAL TIME.

Specification

Contact:

KURT WENGERT
 Department of Public Works
 636-797-5427
kwengert@jeffcomo.org

Contract

Contact:

VICKIE PRATT
 Department of Administrative Services
 636-797-5380

**Mail (3) Three
 Complete Copies
 With Vendor And
 Bid Information As
 Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME	
VENDOR ADDRESS	
CONTACT NUMBER	DEPARTMENT OF THE COUNTY CLERK
	JEFFERSON COUNTY MISSOURI
	729 MAPLE ST / PO BOX 100
	HILLSBORO MO 63050-0100
SEALED BID: (BID NAME)	

Contract Term:

UPON APPROVAL OF THE
 COUNTY COUNCIL AND
 COUNTY EXECUTIVE

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
 Information:**

Compass Minerals America Inc.	Sean Lierz
Company Name	Authorized Agent (Print)
9900 W. 109th Street	<i>Sean Lierz</i>
Address	Signature
Overland Park, KS 66210	Senior Sales Manager
City/State/Zip Code	Title
800-323-1641 x-9330	6/15/18
Telephone #	Date
highwayorders@compassminerals.com	48-1047632
or lierzs@compassminerals.com	Tax ID #
E-mail	913-338-7945
	Fax #

SPECIFICATIONS FOR HIGHWAY SALT

Jefferson County will purchase up to 6,000 tons of bulk salt to be delivered to Highway Maintenance garages located in Jefferson County. A portion of this salt will be used for making a salt brine solution for use during snow emergencies.

All material provided shall meet the requirements of ASTM D 632-99 Type 1 Grade 1 for highway salt intended for highway deicing. All salt shall be uncontaminated, clear of lumps, in a free flowing and usable condition. The salt shall be naturally drained of water with a moisture content of no more than 4%. Salt shall be treated with an anti-caking agent. *Additionally, the salt to be provided for making of a salt brine solution should be clear of calcium carbonate (lime) or sand.*

The County will sample and test the salt at delivery. Material not in conformance with the specification will be subject to rejection or adjustment in price.

All materials will be ordered immediately after award of the bid for delivery during Fall 2018. Delivery may be by dump trailer. Bid will be awarded or rejected within 45 days of opening. This is a firm order for the totals not to exceed the specified amounts in the base bid below with delivery included.

Price will remain in effect until November 1, 2018

BASE BID:

BULK PRICE PER TON on up to 6,000 tons for Jefferson County Public Works Department, which includes hauling to the following delivery locations;

WEST GARAGE – 5275 Hwy. B, Hillsboro, Missouri 63050 – Order to be between 1,000-2,000 tons
\$ 73.40 per ton delivered

EAST GARAGE – 2960 Lee Pyle Road, DeSoto, Missouri 63020 – Order to be between 1,000-2,000 tons
\$ 73.40 per ton delivered

NORTH GARAGE – 6460 Hwy. MM, House Springs, Missouri 63051 – Order to be between 1,000-2,000 tons
\$ 73.40 per ton delivered

SALT FOR BRINE SOLUTION – Material will be shipped to the North Garage, delivery will be discussed with the vendor at time of order – Order to be between 100-200 tons

\$ 73.40 per ton delivered *Bidding same salt a for roads, please see spec sheet.

Estimated time for Delivery after bid award: 5 - 10 Days ARO

Alternative terms for this base bid may be submitted and will be considered:

ALTERNATE BID OPTION:

Jefferson County supports its Municipalities and other government agencies within the County by allowing Cooperative Procurement Contracts on County issued bids. If the bidder is receptive to participating in this potential opportunity, then please complete the Cooperative Bid Form that is a part of this invitation for bid.

BULK PRICE PER TON on an unspecified size order for Jefferson County Municipalities or other government agencies, which includes hauling to various delivery locations within the County;

 N/A minimum number of tons to be ordered by each agency

S NO BID per ton delivered

Estimated time for Delivery after bid award:

TBD - Fall 2018

Alternative terms for this bid option may be submitted and will be considered:

Product Data Sheet



9900 West 109th Street – Suite 100
Overland Park, Kansas 66210
Phone 800-755-7258 Fax 800-359-7258

DE-ICING ROCK SALT

PRODUCTION LOCATION

Goderich, Ontario

PRODUCT DESCRIPTION

Rock salt obtained by conventional mining methods, crushed, and screened to size.

Chemical Analysis (99.7% Confidence)			Typical	Range
Sodium Chloride	NaCl	(%)	97.84	96 - 99
Calcium Sulphate	CaSO ₄	(%)	1.57	0.39 - 3
Magnesium Chloride	MgCl ₂	(%)	0.03	0 - 0.06
Moisture		(%)	0.12	0.00 - 0.30
Water Insolubles		(%)	0.22	0.09 - 0.36
Calcium	Ca	ppm	4452	2126 - 6778
Magnesium	Mg	ppm	69	1 - 161
Sulphate	SO ₄	ppm	10670	5096 - 16244

METHOD OF ANALYSIS

American Society for Testing and Materials Procedures D632 and E534. All other testing is from Sifto Canada's internal quality control procedures, which are available upon request.

PHYSICAL PROPERTIES

Bulk Density 1220 kg/m³ (76 lbs/ft³)

TYPICAL SCREEN ANALYSIS

Retained and Cumulative (99.7% Confidence)

USS Mesh	Tyler Mesh	Open (in.)	Ret. %	Range %	Cum %	Range %
0.500	0.500	0.500	0.3	0 - 2	0.3	0 - 2
3/8	0.371	0.374	4.0	0 - 8	4.3	0 - 9
4	4	0.187	25.8	17 - 34	30.1	19 - 41
8	8	0.0937	29.7	23 - 35	59.8	50 - 70
16	14	0.0464	18.8	14 - 24	78.6	72 - 85
30	28	0.0236	10.4	0 - 3	89.01	85 - 93
Pan	Pan		10.9	6 - 15	100.0	

Average Particle Size 0.013 inches (6.37 mesh)

ADMIXTURE

Yellow Prussiate of Soda (YPS) added - If requested by customer

Product Description and Codes	UPC code	Product Code
Bulk		6615



Deicing Salt

Product Data Sheet

Production Location

Cote Blanche, Louisiana-USA

Product Description

- Rock salt obtained by conventional mining methods, crushed, and screened to size.
- No more than 30% of product passes 30-mesh screen

Method of Analysis

American Society for Testing and Materials Procedures D632 and E534. All other testing is from Compass Minerals internal quality control procedures, which are available upon request.

Physical Properties

Bulk Density - (72 lbs/ft³)

Admixture

Yellow Prussiate of Soda (YPS) added to a max of 50 ppm

Chemical Analysis

Constituent	Formula		Typical %	Range
Sodium Chloride	NaCl	(%)	98.44	98.2 - 99.2
Calcium Sulfate	CaSO ₄	(%)	1.27	0.38 - 1.7
Calcium Chloride	CaCl ₂	(%)	0.03	0 - 0.24
Magnesium Chloride	MgCl ₂	(%)	0.01	0 - 0.04
Water Insolubles		(%)	0.2	0.00 - 0.77
Calcium	Ca	ppm	3837	860 - 5535
Magnesium	Mg	ppm	35.5	0 - 101
Sulfate	SO ₄	(%)	9265	2371 - 12273
Moisture	H ₂ O	(%)	0.19	0 - 1

Typical Screen Data

U.S.S. Mesh	Tyler Mesh	Open (Inches)	Typical % Passing	Range % Passing
3/4	0.375	0.375	100	100
1/2	1/2	0.5	99.6	98.1 - 100
0.375	0.375	0.375	95.3	87 - 100
4	4	0.1870	73.4	40 - 100
8	8	0.0937	42.2	5 - 80
16	14	0.0464	19.2	0 - 40
30	28	0.0234	8.5	0 - 20

Average particle size 0.162 inches (5.11mesh)

Packaging

Bag Size	UPC Code	Old Product Code	New SKU
Bulk	0 67568-76080 7	7608	613624

Compass Minerals
9900 West 109th Street Suite 100
Overland Park, KS 66210 800-755-7258
Fax 800-359-7258



SAFETY DATA SHEET

1. Product and Company Identification

Product identifier	Sodium Chloride
Other means of identification	
Synonyms	Sifto Water Care Products, Sifto Safe Step Xtreme, Safe Step 5300 Performance Blend, American Backwoods Animal Nutrition Products, American Stockman Animal Nutrition Products, Aspen, Aspen Blue, Sifto Canadian Stockman Animal Nutrition products, Commercial bulk rock salt, IceAway Turbo Plus, Safe Step Pro Series Econo Blend Blue 370, IceAway Rock Salt, IceAway Turbo, IceAway Turbo Blue, Natural Salt water care, Sun Soft Water Care Products, Culligan Water care Products, ProSoft water care products, QwikSalt, Safe Step 3300 Rock Salt, Safe Step 4300 Dual Blend, Safe Step 4300 Dual Blend Blue, Safe Step Nature's Power, Safe Step 6300 Enviro- Blend, Safe Step Pro Series 550, Safe Step Pro Series 570, Industrial Purity Industrial Products, Safe Step Pro Series 960 Choice Formula, Salt brine, Sifto Salt, Sifto Safe Step Enviro-Guard, Sifto Safe Step Ice Salt, SureSoft water care products, Thawrox Treated salt, Winter Storm, Winter Storm Blue, DriRox De-icer.
Recommended use	General industrial and water softening/conditioning purposes. Animal Nutrition.
Recommended restrictions	None known.
Manufacturer information	Compass Minerals America Inc. 9900 West 109th Street Suite 100 Overland Park, KS 66210 US 913-344-9200
Supplier	Compass Minerals Canada Corp 6700 Century Avenue Mississauga L5N 6A4 CA Phone 1-905-567-0231
CHEMTREC	1-800-424-9300
CANUTEC	1-613-996-6666

2. Hazards Identification

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
WHMIS 2015 defined hazards	Not classified
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	The product and/or 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, i.e, strong oxidizing agents (see Section 10)
Disposal	Dispose of waste and residues in accordance with local authority requirements.
WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)	None known
WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)	None known

Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	Not applicable.

3. Composition/Information on Ingredients

Mixture

Non hazardous by WHMIS Criteria.

Composition comments The criteria for listing components in this section are: Carcinogens, Respiratory Sensitizers, Mutagens, Teratogens and Reproductive toxins are listed when present at 0.1% or greater; components which are otherwise hazardous according to WHMIS/OSHA are listed when present at 1.0% or greater. Non- hazardous components are not listed. The products pertaining to this SDS have various proportions of components which do not meet the listing criteria.

4. First Aid Measures

Inhalation	Avoid breathing dust. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. If ingestion of a large amount does occur, seek medical attention.
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.

5. Fire Fighting Measures

Suitable extinguishing media	Salt and salt mixtures are non-combustible.
Unsuitable extinguishing media	Not applicable.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Use appropriate firefighting PPE as a general precaution.
Fire-fighting equipment/instructions	Salt is not combustible and thus is not the material of concern for firefighting equipment or methods.
Specific methods	In the event of a fire, equipment and methods that are consistent with the combusting material should be utilized.
General fire hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	May include and are not limited to: Chlorine. Hydrogen chloride. Oxides of sodium.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Restrict area to facilitate clean up.
Methods and materials for containment and cleaning up	Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid direct release into waterways and sewers.

7. Handling and Storage

Precautions for safe handling	Use care in handling/storage. Avoid breathing dust.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials, i.e, strong oxidizing agents (see Section 10)

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

TWA PEL: No specific limits have been established for sodium chloride (a soluble substance). As a guideline, OSHA (United States) has established the following limits which are generally recognized for inert or nuisance dust. Particulates Not Otherwise Regulated (PNOR): 5mg/cu.m. Respirable Dust 8-Hour TWA PEL, 15mg/cu.m. Total Dust 8-Hour TWA PEL.

TWA TLV: No specific limits have been established for sodium chloride (a soluble substance). As a guideline, ACGIH (United States) has established the following limits which are generally recognized for inert or nuisance dust. Particulates (insolubles) Not Otherwise Classified (PNOC): 10mg/cu.m. Inhalable Particulate 8-Hours TWA TLV, 3mg/cu.m. Respirable Particulate TWA TLV.

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety glasses if eye contact is possible.

Skin protection

Hand protection

If there is constant skin contact, suitable gloves are recommended.

Other

Wear suitable protective clothing.

Respiratory protection

No personal respiratory protective equipment normally required.

Thermal hazards

Not applicable.

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.

9. Physical and Chemical Properties

Appearance	Crystalline.
Physical state	Solid.
Form	Solid.
Color	Varies
Odor	Odorless
Odor threshold	Not applicable
pH	6 - 8 (Neutral)
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Pour point	Not applicable
Specific gravity	Not applicable
Partition coefficient (n-octanol/water)	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not applicable
Flammability limit - upper (%)	Not applicable
Explosive limit - lower (%)	Not applicable
Explosive limit - upper (%)	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	Not applicable
Solubility(ies)	Not available.
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable

10. Stability and Reactivity

Reactivity	None known.
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Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Contact with incompatible materials, i.e strong oxidizing agents.
Incompatible materials	Acids. Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Chlorine gas. Hydrogen chloride. Oxides of sodium.

11. Toxicological Information

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity	Not classified.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Exposure minutes	Not available.
Erythema value	Not available.
Oedema value	Not available.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Corneal opacity value	Not available.
Iris lesion value	Not available.
Conjunctival reddening value	Not available.
Conjunctival oedema value	Not available.
Recover days	Not available.
Respiratory or skin sensitization	
Respiratory sensitization	Not available.
Skin sensitization	This product is not expected to cause skin sensitization.
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.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
Not listed.	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Teratogenicity	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Chronic effects	Not classified.

12. Ecological Information

Ecotoxicity	Not available.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Mobility in general	Not available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, global warming potential) are expected from this component.