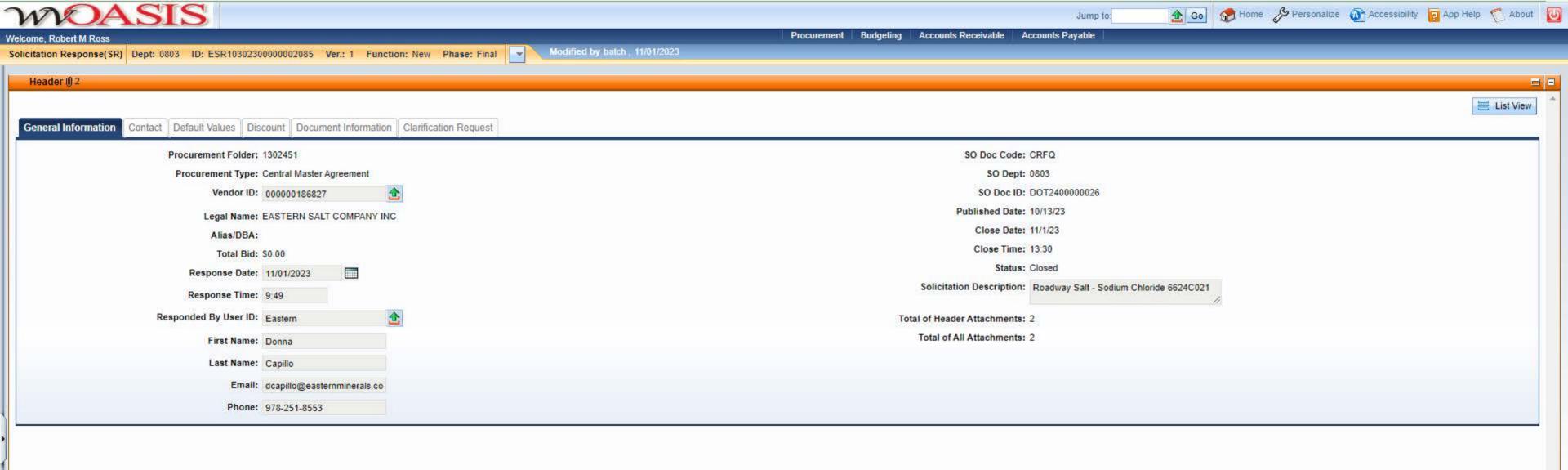


2019 Washington Street, East Charleston, WV 25305 Telephone: 304-558-2306 General Fax: 304-558-6026

Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.





State of West Virginia Solicitation Response

Proc Folder: 1302451

Solicitation Description: Roadway Salt - Sodium Chloride 6624C021

Proc Type: Central Master Agreement

 Solicitation Closes
 Solicitation Response
 Version

 2023-11-01 13:30
 SR 0803 ESR10302300000002085
 1

VENDOR

000000186827

EASTERN SALT COMPANY INC

Solicitation Number: CRFQ 0803 DOT2400000026

Total Bid: 0 Response Date: 2023-11-01 Response Time: 09:49:16

Comments:

FOR INFORMATION CONTACT THE BUYER

John W Estep 304-558-2566 john.w.estep@wv.gov

Vendor Signature X

FEIN#

DATE

All offers subject to all terms and conditions contained in this solicitation

 Date Printed:
 Nov 1, 2023
 Page: 1
 FORM ID: WV-PRC-SR-001 2020/05

Line	Comm Ln Desc Q	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Roadway Salt - Sodium Chloride - DELIVERY 0.	0.00000	TON		

Comm Code	Manufacturer	Specification	Model #	
46161506				

Commodity Line Comments: Not applicable

Extended Description:

DELIVERY of Roadway Salt - Sodium Chloride for use in snow removal and ice control throughout the state of West Virginia.

VENDOR NOTE: Bid evaluation will be based on the bid prices submitted on the Pricing Pages Attachment A (ATT A) and Attachment B(ATT B). Vendor's entries of bid prices or other notations made in the wvOASIS commodity lines/descriptions will not be considered for bid evaluation or award.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Roadway Salt - Sodium Chloride - PICK-UP	0.00000	TON	75.000000	0.00

Comm Code	Manufacturer	Specification	Model #	
46161506				

Commodity Line Comments:

Extended Description:

PICK-UP of Roadway Salt - Sodium Chloride for use in snow removal and ice control throughout the state of West Virginia.

VENDOR NOTE: Bid evaluation will be based on the bid prices submitted on the Pricing Pages Attachment A (ATT A) and Attachment B(ATT B). Vendor's entries of bid prices or other notations made in the wvOASIS commodity lines/descriptions will not be considered for bid evaluation or award.

Date Printed: Nov 1, 2023 Page: 2 FORM ID: WV-PRC-SR-001 2020/05



Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

State of West Virginia Centralized Request for Quote Highways

Proc Folder: 1302451

Doc Description: Roadway Salt - Sodium Chloride 6624C021

Proc Type: Central Master Agreement

 Date Issued
 Solicitation Closes
 Solicitation No
 Version

 2023-10-13
 2023-11-01
 13:30
 CRFQ
 0803
 DOT2400000026
 1

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV 25305

US

VENDOR

Vendor Customer Code: 000000186827

Vendor Name: Eastern Salt Co., Inc.

Address: 134 Middle St, Ste 210

Street:

City: Lowell

State: MA Country: USA Zip: 01852

Principal Contact: Jason Archambault

Vendor Contact Phone: 978-251-8553 Extension:

FOR INFORMATION CONTACT THE BUYER

John W Estep 304-558-2566

john.w.estep@wv.gov

Vendor

Signature X Shelagh E. hahoner FEIN# 04-3195218 DATE November 1, 2023

Page: 1

Shelagh E. Mahoney, President
All offers subject to all terms and conditions contained in this solicitation

Date Printed: Oct 13, 2023

ADDITIONAL INFORMATION

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Division of Highways and the West Virginia Parkways Authority to establish an open end, multiple award contract for the delivery of sodium chloride, F.O.B. for use in snow removal and ice control throughout the state of West Virginia. Vendor may also provide options for WVDOH pick-up from its storage sites. Per the bid Requirements, Specifications, Terms and Conditions attached to this solicitation.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS		STATE OF WEST VIRGINIA	
AS INDICATED BY ORDER		VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Roadway Salt - Sodium Chloride - DELIVERY	0.00000	TON	"	No Bid

Comm Code	Manufacturer	Specification	Model #	
46161506				
:				

Extended Description:

DELIVERY of Roadway Salt - Sodium Chloride for use in snow removal and ice control throughout the state of West Virginia,

VENDOR NOTE: Bid evaluation will be based on the bid prices submitted on the Pricing Pages Attachment A (ATT A) and Attachment B(ATT B). Vendor's entries of bid prices or other notations made in the wvOASIS commodity lines/descriptions will not be considered for bid evaluation or award.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS	,	STATE OF WEST VIRGINIA	
AS INDICATED BY	ORDER	VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV	No City WV	
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Roadway Salt - Sodium Chloride - PICK-UP	0.00000	TON	\$75.00/ton	\$75.00/ton

Comm Code	Manufacturer	Specification	Model #	
46161506			······································	

Extended Description:

PICK-UP of Roadway Salt - Sodium Chloride for use in snow removal and ice control throughout the state of West Virginia.

VENDOR NOTE: Bid evaluation will be based on the bid prices submitted on the Pricing Pages Attachment A (ATT A) and Attachment B(ATT B). Vendor's entries of bid prices or other notations made in the wvOASIS commodity lines/descriptions will not be considered for bid evaluation or award.

SCHEDULE	OFIEVENIS	
<u>Line</u>	<u>Event</u>	Event Date
1	Tech Questions due by 10:00am	2023-10-23

	Document Phase	Document Description	Page 4
DOT2400000026		Roadway Salt - Sodium Chloride 6624C021	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



SECTION 1. Identification

COMMON PRODUCT NAMES: Road Salt, De-Icing Salt, Sodium Chloride, Salt

RECOMMENDED USE: Lowering the freezing point of snow and ice in

order to remove it from roads and highways.

RECOMMENDED RESTRICTIONS: None known. Use prudently in fresh water ecologies.

MANUFACTURER: Eastern Salt Company, Inc.

134 Middle Street, Suite 210 Lowell, MA 01852, USA

Ph.: 978-251-8553

EMERGENCY: CHEMTREC (800) 424-9300

SECTION 2. Hazards Identification

PHYSICAL HAZARDS: Not classified HEALTH HAZARDS: Not classified

ENVIRONMENTAL HAZARDS: Use prudently in fresh water areas

OSHA DEFINED HAZARDS: Not classified

LABEL ELEMENTS

HAZARD SYMBOL: None SIGNAL WORD: None

HAZARD STATEMENT: The product does not meet the criteria for

classification

PRECAUTIONARY STATEMENT

PREVENTION: Observe good industrial hygiene practices

RESPONSE: Wash hands after handling

STORAGE: Soluble in water. Store away from oxidizing agents DISPOSAL: Dispose of waste and residues in accordance with

local authority requirements

HAZARDS NOT OTHERWISE N

CLASSIFIED (HNOC)

None Known

SUPPLEMENTAL INFORMATION: Not applicable

SECTION 3. Composition/Information on Ingredients

VISUAL APPEARANCE: White solid of small, pebble-sized crystals

INGREDIENTS Sodium Chloride (NaCl) concentrated from 95.99 to

99.99. Trace amounts of calcium, magnesium,

potassium. CAS No. 7647-14-5.

Sodium Ferrocyanide Decahydrate (CAS No.

13601-19-9) concentrated from 50 ppm to 100 ppm

is added at the mine or the load port as an anticaking additive to keep road salt free flowing through spreaders. Also known as Yellow Prussiate of Soda or YPS. Approved by FDA as a food additive.

SECTION 4. First Aid Measures

EYE CONTACT: Immediately flush eyes with plenty of water. Lift

upper and lower eyelids occasionally. Get medical

attention if irritation persists.

SKIN CONTACT: Flush skin with soap and water. Remove clothing

and shoes as needed. Get medical attention if

irritation persists.

INGESTION: If large amounts are swallowed, give water to drink

and seek medical attention. Milk has also been reported as treatment. Do not induce vomiting.

INHALATION: Provide fresh air immediately. Get medical

attention if any breathing difficulty occurs.

NOTES TO PHYSICIAN: Symptoms may be delayed.

GENERAL INFORMATION: Ensure that medical personnel are aware of the

materials involved, and take precautions to protect

themselves.

SECTION 5. Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA: Salt and salt mixtures are not combustible.

UNSUITABLE EXTINGUISHING MEDIA: Not applicable

SPECIFIC HAZARDS ARISINGFROM THE CHEMICAL: During fire, gases hazardous to health may form

SPECIAL PROTECTIVE EQUIPMENT
AND PRECAUTIONS FOR FIREFIGHTERS:

Firefighters should wear full protective clothing. Use self-contained breathing apparatus as situation dictates

FIRE-FIGHTINGEQUIPMENT/INSTRUCTIONS: Salt is not combustible and is not the material of

concern for firefighting equipment or methods.

SPECIFIC METHODS: In a fire, equipment and methods should be

consistent with the combustible material.

GENERAL FIRE HAZARDS: Not flammable or combustible.

HAZARDOUS COMBUSTION PRODUCTS: If exposed to fire, chlorine, hydrogen chloride,

Oxides of sodium could be produced

EXPLOSION DATA: None expected. Data not available.

SECTION 6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND **EMERGENCY PROCEDURES:** Keep unnecessary personnel away. Avoid inhalation of dust from spilled material. Use approved respirator if there is dust at levels exceeding exposure limits. Wear appropriate protective clothing and gear before touching damaged containers or spilled material.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:

Vacuum or sweep material into a suitable disposal container. If needed, use a non-reactive dust suppressant. Cleanup spills immediately observing proper procedures with respect to protective equipment or clothing if needed.

ENVIRONMENTAL PRECAUTIONS:

Avoid direct discharge to water supply areas, unpaved areas, or sanitary sewer systems.

SECTION 7. Handling and Storage

Use with adequate ventilation in enclosed spaces. PRECAUTIONS FOR SAFE HANDLING:

Minimize dust generation and accumulation of dust

caused by repeated handling. Road salt is

hygroscopic (absorbs water from the atmosphere) and can cake and become hard. Avoid contact with strong acids. Avoid contact with the eyes, skins,

and clothing. Do not ingest or inhale.

Store in cool, dry, ventilated area when available. **CONDITIONS FOR SAFE STORAGE:**

Store on impermeable surface and avoid leaching or loss to unpaved ground. Take precautions to avoid direct runoff to water supply areas or sanitary sewer systems. Becomes hygroscopic at 70-75% humidity.

SECTION 8. Exposure Controls/Personal Protection

OCCUPATIONAL EXPOSURE LIMITS: No exposure limits noted for ingredients.

No biological exposure limits noted for the ingredients. **BIOLOGICAL LIMIT VALUES:**

APPROPRIATE ENGINEERING CONTROLS: Use sufficient ventilation to prevent the buildup of dust or fumes from handling or thermal processes.

> OSHA Permissible Exposure Limits (PEL): None established for sodium chloride, which is a soluble substance. General limit for Particulates Not Otherwise Regulated (PNOR): 5 mg/m³ Respirable Dust 8-Hour:

 $15 \,\mathrm{mg/m^3}$

American Conference of Government Industrial Hygienists (ACGIH) Threshold Limit Values (TLV): None established for sodium chloride, which is a soluble substance. General limit for Particulates (insoluble) Not Otherwise Classified (PNOC): 10 mg/m³ Inhalable Particulate

8-Hours TLV: 3 mg/ m³

INDIVIDUAL PROTECTION MEASURES SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Safety glasses or tight-fitting goggles if dusty **SKIN PROTECTION:** Wear appropriate chemical-resistant gloves

HAND PROTECTION: Wear suitable protective clothing

RESPIRATORY PROTECTION: No personal respiratory equipment normally required

THERMAL HAZARDS: Wear appropriate thermal protective clothing when necessary

GENERAL HYGIENE CONSIDERATIONS: 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.

SECTION 9. Physical and Chemical Properties

APPEARANCE: Crystalline, white, or with light color from trace geo-

logical materials, or colorless

PHYSICAL STATE: Solid. Small-pebble size.

FORM: Solid. Small-pebble size.

COLOR: Varies from white whitish with very light hues from

trace geological materials, or colorless

ODOR: Odorless

ODOR THRESHOLD: Not applicable

PH: 6.7 to 10.0

MELTING POINT/FREEZING POINT: 1,474° F. (801° C.)

INITIAL BOILING POINT AND RANGE: 2,575° F.

FLASH POINT: Not applicable

EVAPORATION RATE: No information found. **FLAMMABILITY (SOLID, GAS):** No information found

UPPER/LOWER FLAMMABILITY OR

EXPLOSIVE LIMITS:

FLAMMABILITY – LOWER (%): No information found
FLAMMABILITY – HIGHER (%): No information found
EXPLOSIVE – LOWER (%): No information found
EXPLOSIVE – HIGHER (%) No information found

VAPOR PRESSURE: 1.0 @ 865° C. (1,589° F.)
VAPOR DENSITY: No information found.

RELATIVE DENSITY: 2.16 (H2O = 1.0)

SOLUBILITY (WATER): 26.4%

PARTITION COEFFICIENT

(N-OCTANOL/WATER): No information found AUTO-IGNITION TEMPERATURE: No information found No information found VISCOSITY: No information found

W DENCITY: To morning

BULK DENSITY: 70 – 83 lbs/ft3

MOLECULAR FORMULA: NaCl MOLECULAR WEIGHT: 58.44 PH IN AQUEOUS SOLUTION: 6 - 9

SECTION 10. Stability and Reactivity

REACTIVITY: Stable and non-reactive under normal conditions of

use, storage, and transport

CHEMICAL STABILITY: Stable under ordinary conditions. Hygroscopic

(absorbs water)

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reaction known under conditions of

normal use.

CONDITIONS TO AVOID: Contact with incompatible materials (i.e. strong

oxidizing agents)

INCOMPATIBLE MATERIALS: Avoid contact with strong acids. Reacts with most

non-noble metals such as iron and steel, building materials, bromine, trifluoride, lithium, especially when wet. Potentially explosive reaction with dichloromaleic anhydride and urea. Electrolysis of mixtures with nitrogen compounds may form

explosive nitrogen trichloride.

HAZARDOUS DECOMPOSITION PRODUCTS: When heated above 1,474° F. may evolve chlorine

gas or fumes of sodium oxide. May evolve chlorine

gas when in contact with strong acids.

SECTION 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.

Inhalation of dusts may cause respiratory irritation.

SKIN CONTACT: Prolonged or repeated skin contact may

cause irritation

EYE CONTACT: Direct contact with eyes may cause temporary 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. Effects after ingesting an excessive quantity: nausea and vomiting, diarrhea, cramps, restlessness and other symptoms may be observed.

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY Oral LD50 in mice: 4,000 mg/kg; Oral LD50 in rats: 3,000

mk/kg; Other LD50 mice: 2,602 mg/kg

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

RECOVER DAYS: Not available

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 No data available to indicate product or any components

MUTAGENICITY No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic

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

REPRODUCTIVE TOXICITY This product is not expected to cause reproductive or

developments effects

TERATOGENICITY Not classified

SPECIFIC TARGET ORGAN TOXICITY

SINGLE EXPOSURE Not classified

SPECIFIC TARGET ORGAN TOXICITY

ASPIRATION HAZARD Not classified CHRONIC EFFECTS Not classified

NAME OF TOXICOLOGICALLY

SYNERGISTIC PRODUCTS Not available

SECTION 12. Ecological Information

ENVIRONMENTAL FATE:

Road salt can move through the environment in the salt form or as dissociated ions. Road salt goes into solution in water. In aquatic systems, chloride ions separate from corresponding cations (sodium, potassium calcium, etc.). The chloride ions can pass through soil and water. In soil, the positively charged chloride ions tend to bond with negatively charged soil surfaces. Sodium cations have low reactivity in water. With respect to the anticaking additive, the ferrocyanide is a complex anion with a very strong bond between the central iron atom and the octahedral configuration of cyanide ligands. Dissociated anions react readily with iron to form ferric ferrocyanide, a very stable, relatively immobile compound. The anion is subject to decomposition if it is in solution and subject to very bright, direct light, but released cyanide recombines rapidly with numerous transition metals to form more stable, less toxic materials.

ECOTOXICITY: Care should be taken to reduce release of road salts in

freshwater areas. Dispersal and calibration restrictions on spreaders should be followed. EC50 for crustacean (water flea [Daphina magna]) is 340.7 – 469.2 mg/l, 48 hours. LC50 for fish (rainbow trout, Donaldson trout [Oncorhynchus mykiss]) is 4,747 – 7,824 mg/l, 96 hours

PERSISTENCE AND DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL: No data available

MOBILITY IN SOIL: No data available MOBILITY IN GENERAL: No data available

OTHER ADVERSE EFFECTS: No other environmental adverse effects anticipated

SECTION 13. Disposal Considerations

DISPOSAL INSTRUCTIONS: Collect and reclaim or dispose in sealed containers in

accordance with applicable regulations

Not regulated as dangerous goods

LOCAL DISPOSAL REGULATIONS: Dispose in accordance with 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 contain product residue, follow label warnings even after container is emptied.

SECTION 14. Transport Information

U.S. DEPARTMENT OF TRANSPORTATION (DOT): Not regulated as dangerous goods

U.S. DEPARTMENT OF TRANSPORTATION (DOT):TRANSPORTATION OF DANGEROUS

GOODS (TDG - CANADA):

SECTION 15. Regulatory Information

U.S. FEDERAL REGULATIONS All Components are on the US 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

Not regulated

TSCA SECTION 12(B) EXPORT NOTIFICATION

(40 CFR 707, SUBPT. D)

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

CLEAN AIR ACT (CAA) SECTION 112

HAZARDOUS AIR POLLUTANTS (HAP) Not regulated

CLEAN AIR ACT (CAA) SECTION 112(R)

ACCIDENTAL RELEASE PREVENTION (40 CFR 68.130) Not regulated

SAFE DRINKING WATER ACT (SWDA) Not regulated

FOOD AND DRUG ADMINISTRATION Not regulated

US STATE REGULATIONS

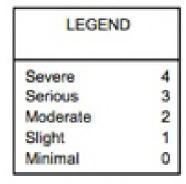
MASSACHUSETTS RIGHT TO KNOW (RTK) SUBSTANCE LIST Not regulated

PENNSYLVANIA RTK Not regulated RHODE ISLAND RTK Not regulated

NEW JERSEY RTK Not regulated

SECTION 16. Other Information

HMIS® RATINGS:







ISSUE DATE: JUNE 1, 2015
REVISION DATE: NOT APPLICABLE
VERSION NUMBER: ONE

DISCLAIMER: Eastern Salt Company, Inc. ("Eastern Salt") believes this information is accurate and is the best information currently available to the company. Eastern Salt, however, makes no representation as to the information's comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment and conduct their own investigations in determining its appropriateness for a particular purpose. Eastern Salt MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. In no event shall Eastern Salt be liable for any claims, losses, or damages or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, including, but not limited to, as a result of the use of or reliance upon this information.

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 as a guide and should take the necessary steps to instruct employees and to develop work practice procedures to ensure a safe work environment.

