

SAFETY DATA SHEET

ELEMENTS ICE MELT

DATE PREPARED: 03/30/2017

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Elements
SYNONYMS: Deicer

MANUFACTURER: Huck Salt
DIVISION: Salt Processing
ADDRESS: 5033 Austin Hwy
Fallon, NV 89406
1-775-423-2055
www.hucksalt.com

EMERGENCY PHONE: 1-775-217-6309
CHEMTREC PHONE: 1-800 -424-9300
OTHER CALLS: 1-703-527-3887
FAX PHONE: 1-775-423-0467

SECTION 1 NOTES: N/A

SECTION 2: HAZARDS IDENTIFICATION

HAZARDOUS COMPONENTS: Contains no hazardous ingredients as defined in OSHA 2 tables or the Canadian W.H.I.M.I.S. regulations.

SECTION 2 NOTES: N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:	CAS NO.	% WT	GHS-US classification
Sodium Chloride	7647-14-5	Proprietary	Not Classified
Magnesium Chloride	7791-18-6	Proprietary	Not Classified
Corrosion Inhibitor	None	Proprietary	Not Classified
Colorant Blend	Proprietary	Balance	Not Classified

SECTION 3 NOTES: N/A

SECTION 4: FIRST AID MEASURES

These products are not regulated under: OSHA hazard communications standard 29 CFR 1910.1200. Does not contain any hazardous components.

CARCINOGENICITY		ROUTE OF ENTRY	
NTP	N/A	INHALATION	N/A
LARC MONOGRAPHS	N/A	SKIN	N/A
OSHA REGULATED	N/A	INGESTION	N/A
SYMPTOMS OF EXPOSURE	N/A	HEALTH HAZARDS	NONE KNOWN

Medical conditions aggravated by exposure: None Known

Emergency and first aid procedures;

1. Wash skin thoroughly with soap and water.
2. Flush eyes thoroughly with water. If irritation occurs, get medical assistance.
3. If ingested, do NOT induce vomiting unless directed to do so by medical personnel.

SECTION 4 NOTES: N/A

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABILITY OF THE PRODUCT: Non-flammable.

AUTO-IGNITION TEMPERATURE: Not applicable.

FLAMMABLE LIMITS: Not applicable.

PRODUCTS OF COMBUSTION: Not applicable.

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FIRE HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES: Risks of explosion of the product in presence of mechanical impact: Not available. Risk of explosion of the product in presence of static discharge: Not available.

FIRE FIGHTING MEDIA AND INSTRUCTIONS: Use extinguishing media appropriate for the surrounding fire. Firefighters should wear full protective gear.

SPECIAL REMARKS ON EXPLOSION HAZARDS: None known

SECTION 5 NOTES: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

SECTION 6 NOTES: N/A

SECTION 7: HANDLING AND STORAGE

STORAGE: Material may be corrosive to some metals; care should be taken when stored for long periods in metal containers.

PRECAUTIONS: Avoid contact with eyes, skin, clothing. Wash thoroughly after handling.

SPECIFIC END USE(S): Deicer

SECTION 7 NOTES: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal handling conditions.

PERSONAL PROTECTION: Use impervious gloves such as neoprene, nitrile, or rubber for hand protection. Chemical goggles or safety glasses. Wear suitable work clothes. Respirator not required under normal product handling conditions.

EXPOSURE GUIDELINES: Not available.

SECTION 8 NOTES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid.

ODOR: Odorless or very low odor.

COLOR: Green

MOLECULAR WEIGHT: No data available

pH AS SUPPLIED: No data available

BOILING POINT: No data available

MELTING POINT: No data available

CRITICAL TEMPERATURE: No data available

VAPOR PRESSURE (mmHg): Not applicable.

VAPOR DENSITY (AIR = 1): Not applicable.

SPECIFIC GRAVITY (H₂O = 1): 2.165 (Water =1)

VOLATILITY: Not available.

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ODOR THRESHOLD: Not Available.

WATER/OIL DIST. COEFF.: Not available.

IONICITY (IN WATER): Not available.

SECTION 9 NOTES: N/A

SECTION 10: STABILITY AND REACTIVITY

NFPA HAZARD RATING **0- NORMAL 1-SLIGHT 2-HAZARDOUS 3- EXTREME DANGER 4- DEADLY**

STABILITY	STABLE	0
CONDITIONS TO AVOID	NONE	0
INCOMPATIBILITY	N/A	
HAZARDOUS DECOMPOSITION OR BY PRODUCTS	N/A HEALTH	1
HAZARDOUS BY	FLAMMABILITY	0
	PRODUCTS NONE	
	REACTIVITY	0
	PERSONAL PROTECTION	0

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMARION ON TOXICOLOGICAL EFFECTS

Acute toxicity : Not classified

Sodium Chloride	
LD50 oral rat	3,550 mg/kg
LC50 inhalation rat	> 42,000 mg/m3 (Exposure time: 1 h)
LD50 dermal rabbit	> 10,000 mg/kg

Magnesium Chloride	
LD50 oral rat	3000 mg/kg
LD50 dermal rabbit	10,000 mg/kg

Sensitization: No components of this product are known to cause skin or respiratory sensitization.

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY:

Sodium chloride (7647-14-5)	
LC50 fishes 1	5560-6080 mg/l (Exposure time: 96 h – Species: Lepomis macrochirus [flow-through])
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h – Species: Daphnia magna)
LC50 fish 2	12946 mg/l (Exposure time: 96 h – Species: Lepomis macrochirus [static])
EC50 Daphnia 2	340.7 – 469.2 mg/l (Exposure time: 48 h – Species: Daphnia magna [static])

PERSISTENCE AND DEGRADABILITY: No additional information available.

BIOACCUMULATIVE POTENTIAL:

Sodium chloride (7647-14-5)	
BCF fish 1	(no bioaccumulation)

MOBILITY IN SOIL: No additional information available.

OTHER ADVERSE EFFECTS: No additional information available.

SECTION 12 NOTES: N/A

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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

DISPOSAL CONSIDERATIONS: EPA RCRA Waste Code: N/A

SECTION 13 NOTES: N/A

SECTION 14: TRANSPORT INFORMATION

IN ACCORDANCE WITH DOT

FREIGHT CLASS - 50

UN Number: Not a dangerous good in sense of transportation regulations.

UN Proper Shipping Name: Not applicable.

SECTION 14 NOTES: N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Sodium chloride (7647-14-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Chromium (III) oxide (1308-38-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

US STATE REGULATIONS: No additional information available.

SECTION 15 NOTES: N/A

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: Revised 3/30/2017 8:38AM

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