



SAFETY DATA SHEET (SDS)

Section 1:		PRODUCT & COMPANY IDENTIFICATION															
Product Name	Viper Elite																
Cas #	127-08-2																
Product Use	Deicing/anti-icing highways, bridges, parking lots, sidewalks, and other pavements																
Manufacturer(s)	Salt Depot 5442 Wells Park Road West Jordan, Utah 84084 801-608-5616																
Section 2:		HAZARDS IDENTIFICATION															
<p>THIS PRODUCT, IN ITS ENTIRETY, AS WELL AS ITS INDIVIDUAL COMPONENTS IS NOT CLASSIFIED HAZARDOUS UNDER OSHA HAZCOM2012 REGULATIONS OR THE CANADIAN W.H.I.M.I.S. REGULATIONS.</p> <p>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 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.</p>																	
Section 3:		COMPOSITION / INFORMATION ON INGREDIENTS															
Ingredient(s)	CAS#	Percent by Wt															
Potassium Acetate	127-08-2	50%															
Water	7732-18-5	50%															
		Classification															
		Not Classified															
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Section 4:		FIRST AID MEASURES															
First Aid Procedures																	
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, seek medical attention.																
Skin Contact	As a precaution, wash skin thoroughly with soap and water. Remove and wash contaminated clothing.																
Inhalation	If inhaled, remove to fresh air and get medical advice																
Ingestion	If swallowed, give milk or water to drink and telephone for medical advice. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.																
Effects of repeated exposure	No effects other than described above are expected.																
Note to physicians	This product contains potassium acetate. Though ingestion of large amounts of potassium salts usually results in vomiting, excessive potassium absorption can cause hyperkalemia.																
Section 5:		FIRE FIGHTING MEASURES															
Flammability																	
Flash Point (close cup)	Nonflammable by OSHA/WHMIS criteria																
Auto Ignition	N / A																
Extinguishing Media																	
Suitable extinguishing media	Water, carbon dioxide, or dry chemical. Use extinguishing media appropriate for surrounding materials.																
Unsuitable extinguishing media	N/A																
Special Hazards																	
Hazardous Combustion Products	Normal combustion forms carbon dioxide & water.																
Explosion Limits	Data not available. Not considered to be an explosion hazard.																
Unusual Fire Hazards	None expected.																
Special Protective Equipment & Precautions For Firefighters																	
Special Protective Equipment for Firefighters	Wear NIOSH approved self-contained breathing apparatus (SCBA) with positive air pressure.																
NFPA FIRE HAZARDS / HMIS Hazardous Minerals Identification System																	
Health:	1	<table border="1" style="border-collapse: collapse; width: 100%;"> <tr> <td style="width: 20px; text-align: center; vertical-align: middle;">LEGEND</td> <td style="padding: 2px;">Minimal</td> <td style="padding: 2px; text-align: center;">0</td> </tr> <tr> <td></td> <td style="padding: 2px;">Slight</td> <td style="padding: 2px; text-align: center;">1</td> </tr> <tr> <td></td> <td style="padding: 2px;">Moderate</td> <td style="padding: 2px; text-align: center;">2</td> </tr> <tr> <td></td> <td style="padding: 2px;">Serious</td> <td style="padding: 2px; text-align: center;">3</td> </tr> <tr> <td></td> <td style="padding: 2px;">Severe</td> <td style="padding: 2px; text-align: center;">4</td> </tr> </table>	LEGEND	Minimal	0		Slight	1		Moderate	2		Serious	3		Severe	4
LEGEND	Minimal		0														
	Slight		1														
	Moderate		2														
	Serious	3															
	Severe	4															
Fire:	0																
Physical Hazard	0																
Specific:	N/A																

Section 6: ACCIDENTAL RELEASE MEASURES	
Personal Precautions, Protective Equipment, & Emergency Procedures	Avoid eye / skin contact with spilled material. Refer to Section 7 for additional handling precautions.
Methods of Containment	Contain and/or absorb spill with inert material (e.g. sawdust, sand vermiculite).
Methods for Cleaning Up	Scoop up material and transfer to disposal container. If needed, wash spillage area with plenty of water.
Section 7: HANDLING & STORAGE	
Precautions For Safe Handling	
Handling	Avoid eye or skin contact. Avoid breathing dusts from this material
Storage	Store in tightly sealed original containers, away from direct heat and strong oxidizing agents. Do not store or handle product in systems constructed of wetted parts consisting of galvanized steel, zinc, or brass components.
Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION	
Exposure Limits	
TWA PEL	No specific limits have been established for this product. 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): 8-hr TWA limits of 15m/m³ (total particulate) and 5mg/m ³ (respirable fraction).
TWA TLV:	No specific limits have been established for this product. As a guideline, ACGIH (USA) has established the following limits which are generally recognized for inert or nuisance dust. Particles (insoluble) not otherwise classified (PNOC): 8-hr TWA limits of 10 mg/m ³ (as respirable).
Exposure Controls	
Engineering Controls	No special ventilation is usually necessary; however if operation conditions create high concentrations of this material, special ventilation may be needed to keep exposure to airborne contaminants below the exposure limit.
Individual Protective Measures/Personal Protective Equipment	
Eye/Face Protection	Safety Glasses / Goggles recommended if eye exposure to product splashing / spraying is possible.
Skin & Body Protection	Chemical-resistant gloves & clothing should be used if prolonged exposure is possible to prevent drying of skin.
Respiratory Protection	No special respiratory protection is usually necessary. Breathing of mist/aerosol should be avoided. If operating conditions create high airborne concentrations of this material, the use of an approved respirator is recommended.
Section 9: PHYSICAL & CHEMICAL PROPERTIES	
APPEARANCE	Clear, colorless to light straw colored liquid. (May be dyed blue at customer request.)
ODOR	Odorless to slight vinegar odor
ODOR THRESHOLD	No data available
pH (20°C, 68°F)	10.5 – 11.5
FREEZING POINT	-60°C (-76°F)
BOILING POINT	- 110°C (230°F)
FLASH POINT	Not applicable
EVAPORATION RATE	No data available
FLAMMABILITY/EXPLOSION LIMITS	Not applicable
VAPOR PRESSURE (20°C)	15 mm Hg
VAPOR DENSITY (AIR = 1)	No data available
RELATIVE DENSITY	1.28
SOLUBILITY IN WATER	Completely miscible
PARTITION COEFFICIENT; n-OCTANOL/WATER	No data available
AUTO-IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY (20°C)	6.5 cP
OXIDIZING PROPERTIES	Not oxidizing
EXPLOSIVE PROPERTIES	Not explosive
Section 10: CHEMICAL STABILITY REACTIVITY INFORMATION	
Chemical Stability	Stable. Polymerization will not occur.
Conditions to avoid	Avoid prolonged contact with reactive metals such as magnesium and zinc, especially in closed systems where hydrogen gas from the oxidation of these materials may accumulate over time.
Incompatible materials	Strong oxidizing agents; strong acids.
Hazardous decomposition products	May decompose into oxides of carbon.
Possibility of hazardous reactions	No dangerous reactions known under conditions of normal use.
Special Precautions	Read and observe all precautions on product label. Keep container tightly closed in general chemical storage area.

Section 11: TOXICOLOGICAL INFORMATION	
Effects of acute exposure	
Eye	May cause eye irritation. Symptoms may include temporary discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Skin	May cause itching or irritation of any cut or abraded skin. Symptoms of prolonged contact may include dry skin.
Inhalation	Inhalation of aerosol during spraying may cause respiratory tract irritation and coughing. This product is not otherwise expected to be an inhalation hazard.
Ingestion	Ingestion of large quantities may cause nausea, vomiting, diarrhea and abdominal discomfort.
Skin Corrosion/Irritation	Based on available data, the classification criteria are not met.
Serious Eye Damage/Irritation	Based on available data, the classification criteria are not met.
Respiratory or Skin Sensitization	Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	This product does not contain any ingredients that are considered to be carcinogens by IARC, NTP, or OSHA.
Reproductive Toxicity	Based on available data, the classification criteria are not met.
STOT-Single Exposure	Based on available data, the classification criteria are not met.
STOT-Repeated Exposure	Based on available data, the classification criteria are not met.
Aspiration Hazard	Based on available data, the classification criteria are not met.
Section 12: ECOLOGICAL INFORMATION	
Ecotoxicity	Not expected to cause long-term adverse effects in the aquatic or terrestrial environments.
Environmental effects	Not expected to cause long-term adverse effects in the aquatic or terrestrial environments.
Aquatic toxicity	Not expected to cause long-term adverse effects in the aquatic or terrestrial environments.
Persistence/Degradability	Readily biodegradable. COD (TOD): 0.34 g O ₂ /g deicer; BOD ₅ (20°C): 0.25 g O ₂ /g deicer
Bioaccumulation/accumulation	Bioaccumulation is not expected.
Mobility in environmental media	Adverse effects not expected.
Section 13: DISPOSAL CONSIDERATIONS	
Waste codes	Not available
Disposal instruction	Based on available information, this product is neither listed as a hazardous waste nor does it exhibit any of the characteristics that would cause it to be classified as a characterized hazardous waste under RCRA. This product may be absorbed onto suitable materials and disposed of in a sanitary landfill unless local, state, or provincial regulations prohibit such disposal.
Contaminated packaging	Not available
Section 14: TRANSPORTATION INFORMATION	
Department of Transportation (DOT)	Not regulated as dangerous goods
Transportation of Dangerous Goods (TDG)	Not regulated as dangerous goods
Section 15: REGULATORY INFORMATION	
Canadian Federal Regulations	This product has been classified in accordance with the hazard criteria of the controlled products regulations and the SDS contains all the information required.
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.
Occupational Safety & Health Administration 29 CFR 1910.1200 hazardous chemical	No
CERCLA (Superfund) reportable quantity	None
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
Hazard Categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
Section 302 Extremely Hazardous Substance Section 311 Hazardous Chemical	No
Clean Air Act (CAA)	Not Available
Clean Water Act (CWA)	None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA
Safe Drinking Act (SDWA)	Not available
Drug Enforcement Agency (DEA)	Not available
Food and Drug Administration	Not available
WHMIS Status	Not controlled
State Regulations	This product does not contain components at levels which are required to be reported under the statutes of the following states: PA, MA, MN, and NJ. This product does not contain any chemical known to the State of California to cause cancer, birth defects, or other reproductive harm
Inventory Name	
Country or Region	Inventory Name On Inventory (yes/no)
Canada	Domestic Substances List (DSL/NDSL) YES
Europe	European Inventory of Existing Commercial chemical Substances (EINESC) YES
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory YES
A "YES" indicates that all components of this product comply with the inventory requirements administered by the governing country.	

Section 16:	OTHER INFORMATION
<p data-bbox="228 142 310 170">Disclaimer</p> <p data-bbox="228 317 375 359">SDS Revision Date Other Information</p>	<p data-bbox="675 142 1292 300">Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.</p> <p data-bbox="675 317 1138 359">1-Apr-2021 This SDS conforms to the ANSI Z400.1/Z129-2010 (Rev. 12/2012)</p>