



**Section 1 Company Information**

**Company Name** KMI Zeolite  
**Telephone** 855-823-3777  
**Address** 5390 E. Nye County Road #266  
 Amargosa Valley, NV. 89020  
**Product Name** *IceMelt* Traction Control

**Section 2 Product Information**

**DESCRIPTION**

PET SAFE ICE MELT AND TRACTION AID PELLETS

- **Melts Ice and Snow**
- **Creates high traction gradient on any remaining slippery surfaces.**
- **100% safe for all incidental exposure to pets and family.**
- **Works at all temperatures.**
- **Non-corrosive to all surfaces.**
- **Safe for surrounding vegetation.**
- **Simple disposal – sweep onto surrounding vegetation.**

**ABOUT**

ICE MELT is a naturally occurring zeolite created millions of years ago when it's unique properties of adsorption and absorption were formed resulting in an exceptional mineral called zeolite.

ICE MELT is a natural zeolite molecular sieve with unique physiochemical properties. The molecular structure of ICE MELT is a three-dimensional honeycomb consisting of a network of interconnected tunnels and cages. Positively charged cations, exchangeable atoms, are attached at the junctions. ICE MELT has an immense internal molecular surface area within its particles (10 grams of ICE MELT is equal to a molecular surface area the size of a football field).

**Section 3 Certifications**

OMRI Listed  
 Certified Organic

**Section 4 Properties**

|                                |   |
|--------------------------------|---|
| Chemical Formula               | Na <sub>6</sub> [Al <sub>6</sub> Si <sub>30</sub> O <sub>72</sub> ]24H <sub>2</sub> O |
| Clinoptilolite Content         | 97%+  |
| Form                           | Granules and powders  |
| Shape                          | Angular   |
| Color                          | Beige / Gray  |
| Pore Diameter                  | 4.0 – 7.0 angstroms   |
| Specific Gravity               | 1.89  |
| Specific Surface Area          | 40m <sup>2</sup> /g   |
| Bulk Density                   | 45 - 54 lbs/ft <sup>3</sup>   |
| pH stability                   | 3.0 – 10.00   |
| Hardness                       | 4.0 - 5.0 Mohs  |
| Swelling Index                 | Nil   |
| Cation Exchange Capacity (CEC) | 1.6 – 2.0 meg/g   |

**Section 5 Chemical Analysis**

|                  |                                |                                |       |       |                   |                  |        |                  |
|------------------|--------------------------------|--------------------------------|-------|-------|-------------------|------------------|--------|------------------|
| SiO <sub>2</sub> | Al <sub>2</sub> O <sub>3</sub> | Fe <sub>2</sub> O <sub>3</sub> | CaO   | MgO   | Na <sub>2</sub> O | K <sub>2</sub> O | MnO    | TiO <sub>2</sub> |
| 66.7%            | 11.48%                         | 0.9%                           | 1.33% | 0.27% | 3.96%             | 3.42%            | 0.025% | 0.13%            |

**Section 6 Major Exchangeable Cations**

|                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Rb <sup>+</sup>  | Na <sup>+</sup>  | Ba <sup>+2</sup> | Mg <sup>+2</sup> | Li <sup>+</sup>  | Ag <sup>+</sup>  | Sr <sup>+2</sup> | Fe <sup>+3</sup> | K <sup>+</sup>   | Cd <sup>+2</sup> |
| Cu <sup>+2</sup> | Co <sup>+3</sup> | Cs <sup>+</sup>  | Pb <sup>+2</sup> | Ca <sup>+2</sup> | Al <sup>+3</sup> | NH <sup>+4</sup> | Zn <sup>+2</sup> | Hg <sup>+2</sup> | Cr <sup>+3</sup> |

## Section 7 Hazards

### Potential Acute Health Effects

Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

### Potential Chronic Health Effects

Hazardous in case of skin contact (corrosive).  
Slightly hazardous in case of skin contact (irritant).

### Carcinogenic Effects

3 (Not classifiable for human.) by IARC.

### Mutagenic Effects

Not available.

### Teratogenic Effects

Not available.

### Developmental Toxicity

Not available.

## Section 8 First Aid

### Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

### Skin Contact

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

### Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.  
*Get medical attention.*

### Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

## Section 9 Warnings

CONTACT WITH TURPENTINE, VEGETABLE OIL, UNSATURATED ORGANIC COMPOUNDS AND HYDROFLUORIC ACID MAY GENERATE HEAT. DO NOT USE WITH THESE COMPOUNDS.

## Section 10 Recommended Use

Apply to icy paths and driveways as needed. Sweep away or collect and reuse. Allow to dry before reusing. Store in a cool dry place.