

# MATERIAL SAFETY DATA SHEET

## SECTION I - SUBSTANCE IDENTIFICATION

**Product Name:** Z-100                      **CAS Number:** 12173-10-3 (zeolite)                      **Formula:** N/A  
**Trade Name & Synonyms:** Zeolite, Natural Zeolite, Z-100  
**DOT Shipping Name:** Natural Zeolite, Clinoptilolite

## SECTION II - HAZARDOUS INGREDIENTS

This material is typically 99% zeolite. There are no established PEL, TWA or TLV values for this material. Caution should be taken for respirable dust. This product has no known carcinogenic properties.

## SECTION III - PHYSICAL DATA

**Description:** White granules, odorless                      **Vapor Pressure:** N/A                      **Boiling Point:** N/A  
**Volatile Percent:** N/A                      **Vapor Density:** N/A                      **Stability:** Stable  
**Solubility:** Zeolite is not soluble in water                      **Apparent Density:** 0.96 g/cc  
**Incompatibility:** None

## SECTION IV - FIRE & EXPLOSION HAZARDS

**Flash Point:** N/A                      **Extinguishing Media:** None  
**Special Procedures:** None                      **Unusual Fire & Explosion Hazards:** None  
**Decomposition Products:** None

## SECTION V - HEALTH DATA

**Overexposure Effects:** This product is non-toxic through ingestion. It is non-toxic through skin absorption. It is non-toxic through inhalation.

**First Aid:** In case of eye contact, flush with water for at least 15 minutes. Contact a doctor immediately. For inhalation, remove the person from the area. If swallowed do not induce vomiting.

## SECTION VI - SPILL OR LEAK PROCEDURES

**If Spilled or Leaked:** Sweep/shovel up and discard or repackage.

**Waste Disposal Method:** This product must be disposed of in accordance with all local, State and Federal regulations.

## SECTION VII - HANDLING & STORAGE

**Protective Gloves:** Recommended.                      **Eye Protection:** Safety glasses/goggles recommended.  
**Other Protective Clothing:** None required.                      **Ventilation:** Local exhaust to control dust.  
**Respiratory Protection:** A high efficiency particulate filter is recommended for dust.  
**Work/Hygienic Practices:** Wash thoroughly after handling.

## SECTION VIII - SPECIAL PRECAUTIONS

Avoid exposure to water and contaminated air during storage. Store in a dry place.

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