

Section I. Product Identification

Product Name: **next-Sand™ (14 x 40 mesh)**
 Chemical Name: Sodium, Calcium Aluminosilicate, Hydrated
 Formula: $Ca_2 (NaK)_2 Al_8 Si_{28} O_{72} \cdot 24H_2O$

Section II. Product Ingredients

| NAME | PERCENT | OSHA PEL and/or ACGIH TLV |
|---------------------|---------|---------------------------|
| NATURAL MINERAL ORE | 100 | 0.5 mg/m ³ |

Section III. Physical and Chemical Properties

| | |
|-----------------------|----------------------|
| BOILING RANGE | Not applicable |
| SPECIFIC GRAVITY | 2.2 - 2.4 |
| EVAPORATION RATE | Not applicable |
| VAPOR DENSITY (AIR=1) | Not applicable |
| % VOLATILE WEIGHT | Not Applicable |
| PHYSICAL APPEARANCE | Light green granules |

Section IV. Fire and Explosion Data

| | |
|------------------------------------|----------------|
| FLAMMABILITY CLASSIFICATION | Not Applicable |
| FLASH POINT | Not Applicable |
| EXTINGUISHING MEDIA | Not Applicable |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | None |

Section V. Health Hazard Data

SUMMARY: This product contains crystalline silica. Long term inhalation of crystalline silica dusts may cause lung disease (silicosis). IARC, a unit of the World Health Organization, has stated that "there is limited evidence for the carcinogenicity of crystalline silica to humans." This product has not been classified as a carcinogen by NTP and/or OSHA.

| | |
|---|--|
| MEDICAL CONDITIONS THAT MAY BE AGGRAVATED | Pre-existing upper respiratory irritation and lung disease |
| TARGET ORGANS | Lungs |
| PRIMARY ENTRY ROUTE | Inhalation |
| ACUTE HEALTH EFFECTS | Transitory upper respiratory irritant. |
| CHRONIC HEALTH EFFECTS | Long term inhalation of dust levels in excess of the PEL may cause lung disease (silicosis). |
| EYE CONTACT | Temporary irritation and/or inflammation |
| SKIN CONTACT/ABSORPTION | Not applicable |
| INHALATION | Coughing and/or irritation of nose and throat. |
| INGESTION | Not hazardous |

Section VI. Reactivity Data

| | |
|--|------------|
| STABILITY | Stable |
| INCOMPATIBILITY | None known |
| HAZARDOUS DECOMPOSITION OR BY-PRODUCTS | None known |
| CONDITIONS TO AVOID | None known |

Section VII. Spill or Leak Procedures

| | |
|---|--|
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED | Sweep up, avoid making dust, place in suitable waste container. |
| WASTE DISPOSAL | Disposal of material in accordance with local, state and federal regulations |
| ENVIRONMENTAL HAZARDS | None known |
| HANDLING/STORAGE | Store in a dry place, maintain good housekeeping practices. |

Section VIII. Safe Handling and Use Information

| | |
|---|--|
| RESPIRATORY PROTECTION | Use NIOSH approved respirators for protection from silicosis producing dusts. |
| PROTECTIVE GLOVES | Not required |
| EYE PROTECTION | Avoid eye contact, safety glasses may be necessary. |
| VENTILATION | Use adequate ventilation and/or dust collection to keep dust levels below PEL. |
| OTHER PROTECTIVE CLOTHING AND EQUIPMENT | Not required. |

Section IX. Emergency First Aid Procedures

| | |
|-------------------------|--|
| INHALATION | Remove from dusty area, drink water to clear |
| INGESTION | Not applicable |
| SKIN CONTACT/ABSORPTION | Not applicable |
| EYES | Flush with water. |