Section I. Product Identification

Product Name: **next-Sand™ (14 x 40 mesh)**
Chemical Name: Sodium, Calcium Aluminosilicate, Hydrated
Formula: \( \text{Ca}_2 (\text{NaK})_2 \text{Al}_{8}\text{Si}_{28}\text{O}_{72}\left[\text{H}_2\text{O}\right]_{24} \)

Section II. Product Ingredients

<table>
<thead>
<tr>
<th>NAME</th>
<th>PERCENT</th>
<th>OSHA PEL and/or ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATURAL MINERAL ORE</td>
<td>100</td>
<td>0.5 mg/m³</td>
</tr>
</tbody>
</table>

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 CLOTHES**: 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.