

# SAE-NAM MATERIALS CO., LTD.

1087-9, BUKSA-RI, JAIN-MYUN, KYUNGSAN-CITY, KYUNG-BUK, KOREA.  
TEL: 82-53-856-9211~3 FAX: 82-53-812-8220 <http://www.sanam.com>

## M S D S

Material Safety Data sheet

Date of Issue : April 28. 2008.

### 1. Product Identification.

- Name: Power Dry
- Use: Moisture absorbent.
- CAS No.: 61790-53-2
- Composition: SiO<sub>2</sub> 65-75%. Al<sub>2</sub>O<sub>3</sub> 10-15%. Fe<sub>2</sub>O<sub>3</sub> 2-3%. MgO 0.5-1.5. K<sub>2</sub>O 1.-2.0.  
CaCl<sub>2</sub> 8-12%. lg.loss 3-4%.

### 2. Hazards Identification.

- Nothing to do specially. No hazard.

### 3. First Aid Measures.

- Inhalation: Drink cold water enough.(LD<sub>50</sub>: 5,000mg/kg)
- Skin Contact: Wash skin with soap and cold water one time
- Eye Contact: Immediately wash eyes with cold water a few times and get medical attention immediately.

### 4. Fire Fighting Measures.

- This product is incombustible.

### 5. Accidental Release Measures.

- This material is environmental friendly because of natural mineral. It is no problem to throw away to the soil because this material is used for soil conditioner.

### 6. Handling and Storage.

- Protect against moisture and shock and store in dry room(less moisture) and close tightly the film bag mouth the rest of after using it.

### 7. Exposure Controls/Personal Protection.

- It is no need specially to use personal protection or any system.

### 8. Physical and Chemical Properties.

- Appearance: Φ 1.0~ Φ 2mm pinkish mineral particle(sand shape)
- Odor: Odorless
- Solubility: Insoluble in water or any acid.

- Specific Gravity: 2.0 ~ 2.2
  - PH: 6.5-7.5
  - Melting Point: 1,000°C
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#### 9. Stability and Reactivity

- Stability: Stable under any conditions of use and storage.
  - Reactivity: Non reactive with any materials except moisture.
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#### 10. Toxicological Information.

- LD<sub>50</sub>: 5,000mg/kg(LD: Lethal Dose)
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#### 11. Ecological Information.

- This material is used for soil conditioner, fertilizer and insecticide. It is no problem in environmental.
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#### 12. Disposal Considerations.

- This material can be readily disposable to land.
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#### 13. Transport Information.

- Transportation by land or ship is by container with pallet lading.
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#### 14. Regulatory Information.

- Nothing.
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#### 15. Other Information.

- We made this MSDS by referring of the Regulation of Korea Standard Association and Korea Chemistry Toxic Research Center.

The End.