

**AERCHEM INC.**  
**320 North Walnut**  
**Bloomington, IN 47404**

Tel: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

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**Effective Date:** 09/10/99

**Product Name:** PIROSIL PS200 and PIROSIL PLUS

**Common Name:** Hydrated Amorphous Silica/Synthetic precipitated Silica, Silicon Dioxide

**CAS No.:** 112926-8

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**Hazardous Ingredients:**

N/A

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**Physical Data:**

Melting point (range) Approx.:	N/A
Boiling point 760mmHG:	N/A
Specific Gravity (Water=1):	N/A
pH (5% suspension):	6.2 - 7.3
Solubility in water:	Insoluble
Odor and appearance:	White powder or particles, odorless
Vapor pressure (20C)(MM Hg):	None
Vapor density (Air=1):	N/A
% Volatiles-Weight:	N/A

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**Fire and Explosion Information:**

Flash point:	N/A
Lower Explosion Limit:	N/A
Upper Explosion Limit:	N/A
Extinguishing media to be recommended:	N/A
Unusual fire hazard:	None

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**Reactivity Data:**      **Stable**  **X**                      **Unstable** \_\_\_\_\_

**Materials to avoid:**      Avoid alteration of product properties before use, I.E.: Calcimining

**Hazardous Decomposition:** NONE

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**Conditions To Avoid:**    None

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**Leak/Spill Information:**

Sweep, scoop, or vacuum discharged material and place in closed plastic bags for disposal.

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**Disposal Information:**

In sanitary landfill according to local, state and federal regulations

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**Health Hazard Information:**

**A. Exposure/Health Effects**

**Inhalation/Respiratory (Protection):**

Use NIOSH/MSHA approved dust respirator where dust occurs. Avoid prolonged or repeated inhalation of dust.

**Skin Contact:**

**Gloves:** Rubber, Leather or Cloth where contact likely. Avoid prolonged or excess contact with skin

**Other Clothing & Equipment:** Chemical suits should be used when necessary to prevent skin contact

**Eye contact:** Chemical Goggles or Face Shield. Avoid contact with Eyes

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**Chronic Exposures:**

**Inhalation:** Excessive inhalation or contact causes drying of mucus membrane of nose, throat and eyes. May irritate respiratory tract and can also cause nosebleeds.

**Skin:** Drying of skin and irritation.

**Eyes:** Causes mild irritation

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**B. First Aid:**

**Inhalation:** Remove affected person to fresh air. Call a Physician

**Ingestion:** Consult a physician

**Skin Contact:** Wash off with water

**Eye Contact:** Immediately flush eyes with plenty of water. If irritation occurs, call a Physician.

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**C. Toxicity Data**

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**Occupational Control Measures:**

**Ventilation Systems:** Use NIOSH/MSHA approved dust respirator where dust occurs. Avoid prolonged or repeated inhalation of dust.

**Skin Protection:** Rubber or plastic gloves

**Eye Protection:** Safety glasses or chemical goggles ; eye fountain

**Special Protection:** None required under normal use conditions when good ventilation is maintained.

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**Shipping Information:**

DOT Shipping Name	None
DOT Hazard Class	N/A
ID Number	N/A
DOT Label(s)	None
Subsidiary Risk:	N/A
Special Shipping Information:	Not regulated as a hazardous material by DOT

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**Storage Information:**

Storage Requirements: Store in cool and dry place. Keep bags or containers closed. Inert material

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**Additional Comments:**

Product Use: For industrial use only.  
In accordance with good industrial practice, handle with due care and avoid any unnecessary personal contact.

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**DISCLAIMER:                      INFORMATION CONTAINED HEREIN IS, TO OUR BEST**

**KNOWLEDGE, TRUE AND ACCURATE. IT IS OFFERED  
FOR INFORMATION ONLY, AS WE CANNOT GUARANTEE  
THE RESULTS OF PROCESSES NOT UNDER OUR  
DIRECT CONTROL.**