

## MATERIAL SAFETY DATA SHEET

FIVE STAR CHEMICALS & SUPPLY, INC.  
6731 E. 50TH AVENUE  
COMMERCE CITY, CO. 80022

PHONE: 303-287-0186  
MSDS DATE: 12-15-10  
REPLACES: 06/12/09

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### IDENTIFICATION

**PRODUCT NAME:** PBW

**COMPOSITION:** SILICATES, PHOSPHATES, AND SURFACTANTS

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This product may require submission of an annual report on the release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). Components present in this product at a level which reporting under the statute are:

| HAZARDOUS INGREDIENTS:                 | %   | TLV LIMIT IN AIR                                        |
|----------------------------------------|-----|---------------------------------------------------------|
| Sodium Metasilicate (CAS# 006834-92-0) | 30% | 2 mg/m <sup>3</sup> (PEL)<br>2 mg/m <sup>3</sup> (OSHA) |

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### PHYSICAL DATA

**APPEARANCE:** White Powder

**ODOR:** Odorless

**MELTING POINT:** N/A

**SOLUBILITY IN WATER:** < 10%

**pH of 1% SOLUTION:** 11-12

**BULK DENSITY:** 64 lbs/cu ft

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### FIRE AND EXPLOSION DATA

**FLAMMABILITY:** Not flammable

**EXTINGUISHING MEDIA:** Water, carbon dioxide, foam

**UNUSUAL FIRE**

**& EXPLOSION HAZARDS:** None known

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### HEALTH HAZARD DATA

**EYE CONTACT:** Irritant, prolonged contact may damage eye.

**SKIN CONTACT:** Irritant, prolonged contact will cause redness and blistering.

**INGESTION:** May cause nausea, vomiting, abdominal pain.

**INHALATION:** May irritate the nose and throat and cause coughing and chest discomfort.

### EMERGENCY & FIRST AID PROCEDURES

**EYE CONTACT:** Immediately flush with cool running water for at least 15 minutes  
Get medical attention.

**SKIN CONTACT:** Immediately flush with large amounts of cool water. If irritation  
develops see a physician.

**INHALATION:** Get person to fresh air. If burning and irritation persist get  
medical attention.

**INGESTION:** If conscious, give several glasses of milk or water. Do not induce  
vomiting. Call a physician immediately.

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### SPECIAL PROTECTION INFORMATION

**PROTECTIVE GLOVES:** Recommended (rubber, PVC)

**EYE PROTECTION:** Recommended (goggles, safety glasses)

**VENTILATION:** Adequate to remove any dust produced

**RESPIRATORY:** Recommended (dust mask)

**OTHER EQUIPMENT:** None needed

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### REACTIVITY DATA

**INCOMPATIBLE MATERIALS:** Acids

**STABILITY:** Stable under dry conditions, will pick up water.

**POLYMERIZATION:** Keep container closed.

**DECOMPOSITION PRODUCT:** None known

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### SPILL OR LEAK PROCEDURES

**SPILL:** Wear dust mask and safety equipment. Sweep up material and put into  
drums. Flush residue to sewer with large amount of water.

**DISPOSAL:** Dispose of waste materials used in cleaning up spills in a manner  
approved for this material. Consult appropriate federal, state, and local  
regulatory agencies to ascertain proper disposal procedures.

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**NFPA:** Health: 1 ; Flammability: 0; Reactivity: 1

**EMERGENCY TELEPHONE: INFOTRAC 1 800-535-5053**