

**MATERIAL SAFETY DATA SHEET**

LaMOTTE COMPANY  
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 TELEPHONE # FOR INFORMATION 410-778-3100  
**24 Hour Emergency Number (CHEM-TEL) 800-255-3924**

**1. PRODUCT IDENTIFICATION**

**Tetraphenylboron Powder**

*Code Nr.* **6364**

**2. HAZARDOUS INGREDIENTS**

NAME	CAS #	TSCA #	%	PEL	TLV
Tetraphenylboron Sodium	143-66-8		100	N/E	N/E

**3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)**

NAME	CAS #	%
N/A		

**4. PHYSICAL DATA**

*Appearance:* White Crystalline powder  
*Solubility in Water:* Soluble    *Odor:* Faint phenolic    *Boiling Point:* Unknown    *Melt. Point:* >300 deg C  
*Vapor Pressure:* N/A    *Vapor Density:* N/A    *pH:* 9 (0.1g in 10mL water)

**5. FIRE AND EXPLOSION DATA**

*Flash Point (method used):* N/A    *Flammable Limit: LEL:* N/A    *UEL:* N/A  
*Extinguishing Media:* Not a fire hazard  
*HMIS Hazard: Health - 1    Flammability - 0    Reactivity - 0    Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least*  
*Special Fire Fighting Procedures:*  
 N/A  
*Unusual Fire & Explosion Hazard:*  
 Emits toxic fumes under fire conditions.

**6. REACTIVITY DATA**

*Stability:* *Conditions to avoid:* Heat, moisture  
 *Stable*    *Incompatibility (Materials to avoid):*  
 N/A  
 *Unstable*  
*Hazardous Decomposition Products:* COx, boron oxides

**7. HEALTH HAZARD DATA**

*Toxicity:* Unknown  
*Primary Route of Entry:*  *Inhalation*     *Skin*    *Carcinogenicity:*  *None*     *NTP*  
 *Ingestion*     *N/A*     *OSHA*     *IARC*  
*Other Health Related Comments:*  
  
*Target Organs:* N/A  
*Signs and symptoms of exposure:*  
 Irritating to eyes, nose, skin and respiratory system.  
*Medical Condition Aggravated by Exposure:* N/A

**8. EMERGENCY FIRST AID PROCEDURES**

*Eye Contact:* Flush with water for 15 minutes.  
*Ingestion:* Rinse out mouth. Drink plenty of water. Consult physician.  
*Inhalation:*  
 Remove to fresh air.  
*Skin Contact:*  
 Flush skin with water. Wash with soap and water.

**9. SPILL AND DISPOSAL PROCEDURES**

*Spill and Leak:*  
 Avoid raising dust. Sweep up carefully. Dissolve in water. Wash down drain with excess water.  
  
*Disposal:*  
 Small amount: Dissolve and wash down drain with excess water. Large amount: Sweep or shovel into clean, dry container with lid and send to hazardous waste incinerator. Dispose according to federal, state and local regulations.

**10. PRECAUTIONARY MEASURES**

*In Handling:*  *Gloves*     *Eve Protection*     *N/A*     *Other: Lab Coat*  
*Ventilation*     *Normal*     *Mechanical*     *Respiratory Protection*  
*Work/Hygienic Practices:* Avoid contact with skin and eyes. Avoid breathing dust.

**11. SPECIAL PRECAUTIONS**

Keep tightly closed. Protect from light.

**DATE:** 8/10/99    The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide.

† This is a toxic chemical subject to reporting requirements of section 313 of EPCRA and 40CFR372.