

# PNP Substrate Tablets (5 mg)

Revision Date: 03-Nov-2022

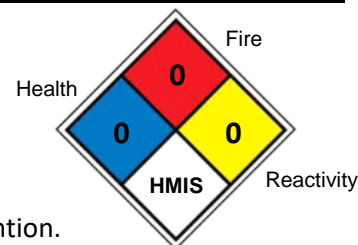
**1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** PNP Substrate Tablets (5 mg)  
**Catalog #:** ACC 00404  
**Product Use:** Substrate  
**Manufacturer:** Agdia, Inc.  
 52642 County Road 1  
 Elkhart, IN 46514  
 (574) 264-2014  
**Contact:** Safety Program Facilitator  
**Fax:** (574) 264-2153  
**Email:** info@agdia.com  
**Web:** www.agdia.com  
**Emergency:** Contact physician or poison control hotline.

**2 HAZARDS IDENTIFICATION**

**GHS Classification:** Not Hazardous

**GHS Pictograms:**



**Precautions:** If exposed or concerned, seek medical advice or attention.  
**GHS Hazards:** None identified.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

**Composition / Formula:** p-nitrophenyl phosphate (CAS#: 333338-18-4)

**4 FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, provide oxygen. Seek medical attention if needed.  
**Skin Contact:** If skin irritation occurs, wash with soap and water.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.  
**Ingestion:** Rinse mouth with water. Consult a physician if needed.

**5 FIRE FIGHTING MEASURES**

**Fire Fighting:** Not expected to ignite. If involved in a fire, use appropriate extinguishing agent for surrounding fire.  
**Specific Fire Hazards:** Carbon oxides, Nitrogen oxides (NOx), Oxides of phosphorus, Sodium oxides.

**6 ACCIDENTAL RELEASE MEASURES**

**Accidental Release:** Wear suitable laboratory protective clothing. Pick up excess with inert absorbant material and place into separate waste container. Flush area with warm soapy water.

**7 HANDLING AND STORAGE**

**Handling Precautions:** Use standard laboratory safety practices. Protective gear shown in Section 8.  
**Storage Requirements:** Store under refrigeration (+2 to +8 °C).

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<b>8</b>	<b>EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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**Engineering Controls:** Use mechanical (general) ventilation for storage areas.

**Protective Equipment:** No special protective equipment required. Handle in accordance with good industrial hygiene and safety practices. If substance is a powder, nuisance exposures may be avoided with use of type P95 (US) or type P1 (EU EN 143) particle respirator.

**Exposure Guidelines:** PEL - None Established. TLV - None Established.

<b>9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance:</b> White to Yellow Tablet	<b>Odor:</b> None	<b>Flash Point:</b> Not available.
<b>Physical State:</b> Solid	<b>pH:</b> N/A	<b>Autolgnition:</b> Not available.
<b>Solubility:</b> Completely soluble in water		
<b>Other Information:</b> Melting point/freezing point: > 300 °C (> 572 °F). No additional physical or chemical information available.		

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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**Reactivity Hazards:** None known.

**Conditions To Avoid:** None known.

**Stability:** Stable under normal conditions.

**Materials To Avoid:** Strong oxidizing agents, Strong acids, Strong bases

**Hazardous By-products:** No hazardous reactions nor hazardous decomposition products known.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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**Toxicology Information:** The complete chemical, physical, and toxicological properties of this material have not been thoroughly investigated to the best of Agdia’s knowledge.

<b>12</b>	<b>ECOLOGICAL INFORMATION</b>
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**Ecological Information:** No data available.

<b>13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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**Disposal:** Dispose of in accordance with local regulations.

<b>14</b>	<b>TRANSPORT INFORMATION</b>
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**Transport Information:** Not dangerous goods per DOT, IATA, and IMDG.

<b>15</b>	<b>REGULATORY INFORMATION</b>
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**Regulatory Information:** CERCLA: Not Applicable. SARA Title III: Not Listed

<b>16</b>	<b>OTHER INFORMATION</b>
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