Section 1 - Product and Company Information

Product Name: **CPPD crystals**

Cat. Code: tlrl-cppd

Company identification:

InvivoGen, 3950 Sorrento Valley Blvd, Suite 100
San Diego, California 92121, USA
(+1) 858 457 5873

Cayla-InvivoGen, 5 rue Jean Rodier
31400 Toulouse, FRANCE
+33 (0) 5 62 71 69 39

Section 2 - Composition/Information on Ingredient

Substance Name: Calcium pyrophosphate dihydrate crystals
CAS #: N/A **EC number:** N/A

Section 3 – Hazards Identification

Emergency Overview: OSHA Hazards: Irritant.

HMIS Classification: Health Hazard **2,** Flammability Hazard **0,** Physical Hazards **0**
NFPA Rating: Health Hazard **2,** Fire **0,** Reactivity Hazard **0**

Potential Health Effects
- **Eye contact:** Causes eye irritation.
- **Skin contact:** Causes skin irritation.
- **Skin absorption:** May be harmful if absorbed through the skin.
- **Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation.
- **Ingestion:** May be harmful if swallowed.

Section 4 – First Aid Measures

General advice: Consult a physician. Show this material safety data sheet to the doctor in attendance.
After skin contact: Immediately wash skin with soap and plenty of water. Consult a physician.
After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth with water provided person is conscious. Consult a physician.
After inhalation: Remove to fresh air. If not breathing give artificial respiration. Consult a physician.
After eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

Section 5 – Fire Fighting Measures

Extinguishing Media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Special Firefighting Procedures: N/A
Flammability: N/A

Unusual Fire and Explosions Hazard (s): N/A
Flash point: N/A
Auto-ignition Temp: N/A

Section 6 – Accidental Release Measures

Personal precautions: Wear protective equipment. Keep unprotected persons away. Avoid dust formation.
Method for cleaning up: Absorb on sand or vermiculite and place in closed containers for disposal. Dispose contaminated material as waste according to section 13. Ventilate area and wash spill site after material clean-up is complete.

Section 7– Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.
User Exposure: Avoid inhalation. Use personal protective equipment (i.e. impermeable gloves, lab coat or apron).
Storage: Keep tightly closed. Store at room temperature.

Section 8 – Exposure Controls / PPE

Engineering Measures: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment
Hand: Protective gloves to prevent skin contact. **Eye:** Chemical safety goggles.
General Hygiene Measures: Wash hands thoroughly after handling.

Section 9 – Physical / Chemical Properties

Appearance: White color
Physical State: Solid

Section 10 – Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Materials to avoid: Strong oxidizing agents
Hazardous Decomposition Products: Decomposition products are not hazardous.

Section 11 – Toxicological Information

Acute toxicity:
LD50 Oral: N/A
LD50 Intraperitoneal: N/A
LD50 Intravenous: N/A

Primary irritant effect: N/A
Sensitization: N/A
Target Organ: N/A
Additional toxicological information: N/A

Section 12 – Ecological Information

Ecotoxicity: Data not yet available.
Mobility: Data not yet available.
Biodegradation: Data not yet available.
Bioaccumulation: Data not yet available.

Section 13 – Disposal Considerations

Product: Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Must not be disposed of together with household garbage.
Contaminated Packaging: Dispose of as unused product.

Section 14 – Transport Information

DOT (US): Non-hazardous for transport.
IATA: Non-hazardous for transport.
IMDG: Non-hazardous for transport.

Section 15 – Regulatory Information

OSHA HAZARDS (US): Irritant
DSL Status: This product contains the following component that is on the Canadian DSL list.
Calcium pyrophosphate dihydrate CAS no.: N/A
SARA 302 Component: None of the ingredients are listed.
SARA 313 Component: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards: Acute health hazard.

U.S. State Regulations

Chemical Name	Massachusetts RTK	New Jersey RTK	Pennsylvania RTK
Calcium pyrophosphate dihydrate	-	X	X

California Proposition 65: This product does not contain chemicals listed under Proposition 65.

Labeling and risk phrase according to EU Directives:

Hazard symbol: Xi Irritant
R36/37/38: Irritating to eyes, respiratory system and skin.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Section 16 – Other Information

Disclaimer: All InvivoGen products are supplied for research and laboratory use only. Not for drug, household or other uses.

The information contained in this MSDS relates only to the material(s) designated and does not relate to use(s) in combination with any other material, process(es) and/or chemical reaction(s). InvivoGen provides this information in good faith and is based on our present knowledge. This MSDS is provided without warranty of any kind. The recipient is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

3950 Sorrento Valley Blvd, Suite 100, San Diego, CA 92121, USA
Phone US: (858) 457 5873 - Fax US: (858) 457 5843
Phone EU: +33 (0) 5 62 71 69 39 - Fax EU: +33 (0) 5 62 71 69 30
Website : www.invivogen.com
Email : info@invivogen.com