

SECTION-1: Identification of the substance / mixture and the company / undertaking

Catalogue Number	CS-EK-02880
Product Name	Pyronaridine Tetrphosphate
CAS No.	76748-86-2
Category	Impurity
Synonyms	4-((7-chloro-2-methoxybenzo[b][1,5]naphthyridin-10-yl)amino)-2,6-bis(pyrrolidin-1-yl)methylphenol tetrakis(phosphate)
Brand	Clearsynth Labs Ltd.
Identified uses	Laboratory Chemicals
Uses advised against	Not available
Company	Clearsynth Labs Ltd. Mumbai, India
Emergency Phone #	+91-22-245045900
REACH No.	Not available

SECTION 2: Hazards identification

Disclaimer: This is sample MSDS. Please email sales@clearsynth.com for more details.

2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

2.2 Label Elements

Signal Word: Warning

Not available

Hazard Statement(s)

Code	Statement
H301	Not available
H318	Causes serious eye damage.
H361	Not available
H413	Not available

Precautionary Statement(s)

Code	Statement
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P203	Not available
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P273	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P316	Not available
P305+P354+P338	Not available
P317	Not available
P318	Not available
P321	Specific treatment (see ... on this label).
P330	Not available
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Pyronaridine Tetrphosphate

CAS Number : 76748-86-2

Molecular Formula : C₂₉H₄₄CIN₅O₁₈P₄

Molecular Weight : 910.03

Parent Chemical : Pyronaridine

Synonyms : 4-((7-chloro-2-methoxybenzo[b][1,5]naphthyridin-10-yl)amino)-2,6-bis(pyrrolidin-1-ylmethyl)phenol tetrakis(phosphate)

Concentration : Not available

SECTION 4: First aid measures

SECTION 4: First-aid measures

4.1 Description of first aid measures

- General advice: Remove contaminated clothing and shoes. Seek medical attention if symptoms persist or develop.
- Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.
- Skin contact: Wash with plenty of soap and water. Get medical attention if irritation occurs.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
- Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Not available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically. No data available.

SECTION 5: Firefighting measures

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

- Suitable extinguishing media: Use extinguishing measures appropriate to surrounding fire (e.g., water spray, dry chemical, foam, carbon dioxide).

- Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

- Specific hazards: Not available.

- Hazardous combustion products: Not available.

5.3 Advice for firefighters

- Wear self-contained breathing apparatus and full protective gear.

- Avoid inhalation of combustion products.

- Use water spray to cool unopened containers exposed to heat, if safe to do so.

SECTION 6: Accidental release measures

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid breathing dust. Avoid contact with skin and eyes.

- Use appropriate personal protective equipment (see Section 8).

- Ensure adequate ventilation.

6.2 Environmental precautions

- Prevent further leakage or spillage if safe to do so.

- Avoid release to the environment. Do not allow to enter drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

- Avoid generating dust.

- Collect spilled material using suitable means (e.g., dampened absorbent or HEPA-filtered vacuum) and place in a suitable, labeled container for disposal.

- Clean contaminated area with water and detergent as appropriate.

6.4 Reference to other sections

- See Section 8 for personal protective equipment and Section 13 for disposal considerations.

SECTION-7: Handling and storage

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Handle in accordance with good industrial hygiene and safety practice.

- Avoid formation of dust and aerosols.
- Avoid contact with skin, eyes, and clothing.
- Do not breathe dust.
- Use with adequate ventilation; local exhaust recommended where dust may be generated.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a tightly closed container.
- Store in a cool, dry, well-ventilated place.
- Protect from moisture.
- Incompatible materials: Not available.

7.3 Specific end use(s)

- Laboratory/research use. Not available for other specific uses.

SECTION 8: Exposure controls / personal protection

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Occupational exposure limits: No data available.
- Biological limit values: No data available.

8.2 Exposure controls

- Engineering controls: Provide adequate general and local exhaust ventilation to minimize dust exposure.
- Personal protective equipment (PPE):
 - Eye/face protection: Safety glasses with side shields or chemical splash goggles.
 - Skin protection: Protective gloves (material selection dependent on use conditions). Protective clothing/lab coat.
 - Respiratory protection: If ventilation is inadequate or dust is generated, use a suitable particulate respirator in accordance with applicable regulations.
 - Hygiene measures: Wash hands after handling. Remove contaminated clothing and wash before reuse.
 - Environmental exposure controls: Avoid release to the environment; use appropriate containment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available
IR spectrum	No data available
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available

Property	Value
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

SECTION 10: Stability and reactivity

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10.1 Reactivity

- Not available.

10.2 Chemical stability

- Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

- Not available.

10.4 Conditions to avoid

- Avoid dust generation. Avoid moisture. Avoid excessive heat.

10.5 Incompatible materials

- Not available.

10.6 Hazardous decomposition products

- Not available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity: No data available.
- Skin corrosion/irritation: No data available.
- Serious eye damage/eye irritation: No data available.
- Respiratory or skin sensitization: No data available.
- Germ cell mutagenicity: No data available.
- Carcinogenicity: No data available.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.
- Aspiration hazard: No data available.

Likely routes of exposure

- No data available.

Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

SECTION 12: Ecological information

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12.1 Toxicity

- No data available.

12.2 Persistence and degradability

- No data available.

12.3 Bioaccumulative potential

- No data available.

12.4 Mobility in soil

- No data available.

12.5 Results of PBT and vPvB assessment

- Not available.

12.6 Endocrine disrupting properties

- Not available.

12.7 Other adverse effects

- No data available.

SECTION 13: Disposal considerations

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container in accordance with local/regional/national/international regulations.

- Do not discharge to drains.
- Dispose of as hazardous waste unless regulations indicate otherwise.
- Contaminated packaging: Dispose of as unused product or according to local requirements.

SECTION 14: Transport information

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- UN number: Not available.
- UN proper shipping name: Not available.
- Transport hazard class(es): Not available.
- Packing group: Not available.
- Environmental hazards: Not available.
- Special precautions for user: Not available.
- Transport in bulk according to IMO instruments: Not available.

SECTION 15: Regulatory information

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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Not available.

15.2 Chemical safety assessment

- No data available.

SECTION 16: Other information

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- Catalog No.: CS-EK-02880
- CAS No.: 76748-86-2
- Category: Impurity
- Synonyms: 4-((7-chloro-2-methoxybenzo[b][1,5]naphthyridin-10-yl)amino)-2,6-bis(pyrrolidin-1-ylmethyl)phenol tetrakis(phosphate)
- Parent chemical: Pyronaridine
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900
- Revision date: Not available.
- Disclaimer: The information provided is believed to be accurate based on available data; however, no warranty is expressed or implied. Users are responsible for determining suitability and for compliance with applicable laws and regulations.

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