

# Material Safety Data Sheet

Revision Date: Feb. 23-2024

## SECTION 1: Identification Of The substance/Mixture And Of The Company/Undertaking

### 1.1 Product identifiers

Product name: 6-HEX phosphoramidite (5'-Hexachlorofluorescein phosphoramidite)  
Product number: CGICPH-7503  
CAS number: N/A

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals **\*For Research Use Only\***

### 1.3 Details of the supplier of the data sheet

Company: ChemGenes India Pvt. Ltd.  
207, Regency Plaza,  
5-A, Park Road, Lucknow-226001  
E-mail: [info@chemgenesindia.com](mailto:info@chemgenesindia.com)

### 1.4 Emergency telephone number

Emergency Phone No.: +91-8687421036

## SECTION 2: Hazards Identification

### 2.1 Classification

Not a hazardous substance or mixture

### 2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture

### 2.3 Hazardous not otherwise classified (HNOC) or not covered by GHS

None

### 2.4 Potential health effects

Avoid contact and inhalation. To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with caution.

Inhalation:	No data available (may be harmful by inhalation)
Ingestion:	No data available (may be harmful if swallowed)
Skin:	No data available (may cause skin irritation in susceptible persons)
Eyes:	No data available (may cause eye irritation in susceptible persons)
Chronic exposures:	No data available (potentially harmful)
Target organs:	No data available (potentially harmful)
Carcinogenic effects:	No data available (potentially harmful)
Mutagenic effect:	No data available (potentially harmful)
Reproductive toxicity:	No data available (potentially harmful)
Sensitization:	No data available (potentially harmful)

### **SECTION 3. Composition/Information on Ingredients**

Product name: 6-HEX phosphoramidite [5'-Hexachlorofluorescein phosphoramidite]  
CAS number: N/A

### **SECTION 4: First Aid and Measures**

#### **4.1 Skin contact**

Rinse with plenty of water. Call a physician to seek medical advice if symptoms arise.

#### **4.2 Eye contact**

Wash thoroughly after handling. If eye or skin contact occurs, immediately wash affected area with so abundant amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician to seek medical advice.

#### **4.3 Ingestion**

Never give anything by mouth to an unconscious person. Call a physician to seek medical advice if symptoms arise.

#### **4.4 Inhalation**

If swallowed, wash out mouth with water provided person is conscious and call a physician to seek medical advice. If inhaled, move individual to fresh air and call a physician to seek medical advice.

Notes to physician  
Treat symptomatically.

### **SECTION 5: Fire Fighting Measures**

#### **5.1 Extinguishing media**

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

#### **5.2 Special firefighting procedures**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

#### **5.3 Unusual fire and explosions hazards**

Emits toxic fumes under fire conditions.

### **SECTION 6: Accidental Release Measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Use appropriate protective equipment and methods to clean up spilled substances promptly.

#### **6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so.

#### **6.3 Methods for cleaning up**

Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

## **SECTION 7: Handling and Storage**

### **7.1 Personal precautions, protective equipment and emergency procedures**

Potentially harmful. Avoid prolonged or repeated exposure. Avoid dust formation. Avoid breathing vapors, mist or gas.

### **7.2 Conditions for safe storage, including any incompatibilities**

Use appropriate protective equipment and methods to clean up spilled substances promptly.

## **SECTION 8: Exposure Controls/Personal Protection**

### **8.1 Control parameters**

Contains no substances with occupational exposure limit values.

### **8.2 Control parameters**

Engineering measures:

General industrial hygiene practice.

Personal protective equipment:

Wear appropriate gloves, protective clothing and eye wear and follow safe laboratory practices.

### **8.3 Environmental exposure control**

Prevent products from entering drains.

## **SECTION 9: Physical and Chemical Properties**

Appearance:	Solid
Solubility in water:	Low
Odor/odor threshold:	No data available
Specific gravity:	No data available
pH:	No data available
Boiling point:	No data available
Melting point:	No data available
Flash point:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	No data available
Upper/lower flammability or explosive limits:	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available

## **SECTION 10. Stability and Reactivity**

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions
Possibility of hazardous reactions:	No data available
Conditions to avoid:	No data available
Incompatible materials:	No data available

Hazardous decomposition products: No data available

### **SECTION 11. Toxicological Information**

Acute toxicity:	No data available
Skin/corrosion/irritation:	No data available (may cause skin irritation in susceptible persons)
Serious eye damage/irritation:	No data available (may cause eye irritation in susceptible persons)
Respiratory or skin sensitization:	No data available (may be harmful by inhalation)
Germ cell mutagenicity:	No data available (potentially harmful)
Carcinogenicity:	Not listed by NTP, IARC, or OSHA
Reproductive toxicity:	No data available
Specific target organ toxicity:	No data available
Aspiration hazard:	No data available
RTECS:	No data available

### **SECTION 12: Ecological Information**

Ecotoxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Results of PBT and vPvB assessment:	No data available

### **SECTION 13: Disposal Consideration**

Do not allow product to reach ground water, water course, or sewage system. Consult local, state or national regulations for proper disposal.

### **SECTION 14: TRANSPORT INFORMATION**

#### **DOT(US)**

Proper shipping name: Not dangerous goods  
UN number: -  
Class:-  
Packing group:-

#### **IMDG**

Proper shipping name: Not dangerous goods  
UN number: -  
Class:-  
Packing group:-

#### **ATA**

Proper shipping name: Not dangerous goods  
UN number: -  
Class:-  
Packing group:-

## **SECTION 15: REGULATORY INFORMATION**

### **SARA 302 Components:**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### **SARA 313 Components:**

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:**

No SARA Hazards.

### **Massachusetts Right To Know Components:**

No components are subject to the Massachusetts Right to Know Act.

### **Pennsylvania Right To Know Components:**

No components are subject to the Pennsylvania Right to Know Act.

### **New Jersey Right To Know Components:**

No components are subject to the New Jersey Right to Know Act.

### **California Prop.65 Components:**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## **SECTION 16: OTHER INFORMATION**

The information provided above is accurate to the best of our current knowledge but is not intended to be comprehensive and should be used solely as a reference. This product is intended for research use only and should be handled exclusively by qualified, experienced personnel. Handling must occur in properly equipped and authorized facilities. The responsibility for the safe use of this material lies entirely with the user. ChemGenes India Pvt. Ltd. disclaims all liability for any harm resulting from the handling of or contact with this product.

-----End of Safety Data Sheet-----