

Material Safety Data Sheet

Revision Date: Feb. 2-2024

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: 5-TAMRA –Phosphoramidite
Catalog No.: CPICPH-7505
CAS No.: 91809-66-4

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

Identified uses: Laboratory chemicals, manufacture of substances.

1.3 Details of the supplier of the safety data sheet

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

1.4 Emergency telephone number

Emergency Phone No.: +91-8687421036

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

3.1 Substances

Synonyms: 5-TAMRA -OP
CAS NO.: 91809-66-4

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact

Remove any contact lenses, locate eye-wash station, and flush eyes immediately with large amounts of water. Separate eyelids with fingers to ensure adequate flushing. Promptly call a physician.

Skin contact

Rinse skin thoroughly with large amounts of water. Remove contaminated clothing and shoes and call a physician.

Inhalation

Immediately relocate self or casualty to fresh air. If breathing is difficult, give cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.

Ingestion

Wash out mouth with water; Do NOT induce vomiting; call a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2).

4.3 Indication of any immediate medical attention and special treatment needed

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

Keep container tightly closed in a dry, cool and well-ventilated place. Protect material from long-term exposure to light.

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 eyewear and follow safe laboratory practices.

8.3 Environmental exposure control

Prevent products from entering drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting/freezing point	No data available
Boiling point/range	No data available
Flashpoint	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Water Solubility	No data available
Partition coefficient	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

9.2 Other safety information

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 CONSIDERATIONS

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

US Toxic Substances Control Act (TSCA):	Not listed
SARA 302 components:	Not listed
SARA 313 components:	Not listed
SARA 311/312 components:	Not listed
EEC risk statements:	Not listed
Massachusetts-RTK:	Not listed
New Jersey-RTK:	Not listed
Pennsylvania-RTK:	Not listed
California Proposition 65:	Not listed

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-----