

Fluorescein-12-dCTP

Cat#: orb533142 (MSDS)

1. Product and Company Identification

1.1 Product identifiers

a. Product name: Fluorescein-12-dCTP

1 mM in Tris Buffer (pH 7.5)

c. CAS number:

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

Identified uses: Laboratory chemicals

For Research Use Only

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.

a. Inhalation: No data available (may be harmful by inhalation)

b. Ingestion: No data available (may be harmful if swallowed)

c. Skin: No data available (may cause skin irritation in susceptible persons)

d. Eyes: No data available (may cause eye irritation in susceptible persons)

e. Chronic exposures: No data available (potentially harmful)

f. Target organs: No data available (potentially harmful)

g. Carcinogenic effects: No data available (potentially harmful)

h. Mutagenic effect: No data available (potentially harmful)

i. Reproductive toxicity: No data available (potentially harmful)

j. Sensitization: No data available (potentially harmful)

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3. Composition/Information on Ingredients

Chemical Name CAS# EINECS#

Fluorescein-12-dCTP *1 mM in Tris Buffer (pH 7.5)*

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 soap and copious 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.

4.5 Notes to physician

Treat symptomatically.

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.

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.

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.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Control parameters

- a. Engineering measures: General industrial hygiene practice.
- b. 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.

9. Physical and Chemical Properties

Appearance: Liquid

Solubility in water: High

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

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Explosive properties: No data available

Oxidizing properties: No data available

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

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

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

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.

14. Transport Information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

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

16. Other Information

16.1 HMIS Rating

Health hazard 0

Flammability 0

Reactivity 0

16.2 NFPA Rating

Health hazard 0

Flammability 0

Reactivity 0