



3'-NHTr-dC(Bz)-5'-CEPA Phosphoramidites

MATERIAL SAFETY DATA SHEET

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(CHEMTREC 24hr)

SECTION 1. CHEMICAL IDENTIFICATION

CATALOG #: 22-3430-XX
NAME: 3'-NHTr-dC(Bz)-5'-CEPA Phosphoramidite

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS#: 19-5375-65-6
MF: C₄₄H₄₉N₆O₅P mw: 772.87, 100%
EC NUMBER (EINECS): NA
EC INDEX NUMBER: NA

SECTION 3. HAZARDS IDENTIFICATION

Irritating to eyes.

SECTION 4. FIRST-AID MEASURES

EYES: Rinse immediately with plenty of water for 15 minutes. Consult doctor/medical service if irritation persists.
SKIN: Wash immediately with lots of water and soap for 15 minutes. Remove clothing before washing. Consult a doctor/medical service if irritation persists.
INHALATION: Remove victim into fresh air. Unconscious: maintain adequate airway and respiration. Consult a doctor/medical service if breathing problems develop.
INGESTION: Never give water to an unconscious person. If victim is fully conscious, immediately induce vomiting. Consult a doctor/medical service if you feel unwell.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, polyvalent foam, alcohol foam, ABC powder, carbon dioxide.
UNSUITABLE EXTINGUISHING MEDIA: No data available.
SPECIAL EXPOSURE HAZARDS: Not easily combustible. Dust is explosive with air. Vapors or gases may ignite at distant sources and flash back.



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INSTRUCTIONS: Cool tanks/drums with water spray-remove them into safety. Dilute toxic gases with water spray.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Heat/fire exposure; compressed air/oxygen apparatus. Heat/fire exposure: gas-tight suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

See Section 8 below.

SECTION 7. HANDLING AND STORAGE

HANDLING: Reduce/avoid exposure and/or contact. Avoid raising dust. Clean contaminated clothing.

STORAGE: Keep container tightly closed. Store in cool area. Store in dry area. Keep away from heat sources, ignition sources, oxidizing agents, acids, bases. Storage temperature -20°C

MATERIALS FOR PACKAGING: To avoid: no data available.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

RECOMMENDED ENGINEERING CONTROLS: Work under local exhaust/ventilation

SAMPLING METHODS: No data available.

EXPOSURE LIMIT:

OSHA PEL (TWA): 15 mg/m^3 (Total Dust), 5 mg/m^3 (Respirable Dust)

ACGIH TLV: 10 mg/m^3 (Total Dust) 3 mg/m^3 (Respirable Dust)

PERSONAL PROTECTION:

EYE: Safety glasses. In case of dust production: protective goggles

HAND: Gloves

SKIN: Protective clothing

RESPIRATORY: Dust formation: dust mask

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Powder

ODOR: Odorless

COLOR: White to off-white

pH VALUE: Not determined

BOILING POINT/BOILING RANGE: Not determined

MELTING POINT/MELTING RANGE: Not determined

FLASHPOINT: Not determined

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AUTO-IGNITION POINT: Not determined
EXPLOSION LIMITS: Not determined
VAPOR PRESSURE (at 20 °C): Not determined
RELATIVE DENSITY: 1
WATER SOLUBILITY: Insoluble
SOLUBLE IN: Acetonitrile
RELATIVE VAPOR DENSITY: Not determined
SATURATION CONCENTRATION: Not determined
VISCOSITY: Not determined

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions
DECOMPOSITION PRODUCTS: Decomposes on exposure to temperature rise: release of toxic and corrosive gases/vapors phosphorous oxides, nitrous vapors, carbon monoxide and carbon dioxide)
CONDITIONS/MATERIALS TO AVOID: Heat sources, ignition sources, oxidizing agents, acids, bases

SECTION 11. TOXICOLOGICAL INFORMATION

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

ROUTES OF EXPOSURE: Ingestion, inhalation, eyes and skin.
ACUTE EFFECTS/SYMPTOMS: Substance not yet tested completely.
AFTER INHALATION: Slight irritation
AFTER SKIN CONTACT: Slight irritation
AFTER EYE CONTACT: Irritation of the eye tissue
CHRONIC EFFECTS: No data available.

SECTION 12. ECOLOGICAL INFORMATION

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations.

SECTION 14. TRANSPORTATION INFORMATION

Not regulated



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SECTION 15. REGULATORY INFORMATION

R36 Irritating to eyes

S(02) Keep out of reach of children

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Warning- substance not yet tested completely.

SECTION 16. OTHER INFORMATION

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