

Material Safety Data Sheet. No: SD2123-R00

Section 1 : Chemical Identification

Catalogue No.:	2123-XXXX	Name:	Amino-Modifier C6
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Section 2 : Composition/information on Ingredients

Chemical Name	CAS No.	EINECS No.
6-(4-Monomethoxytritylamino)hexyl-(2-cyanoethyl)-(N,N-diisopropyl)-phosphoramidite	114616-27-2	N/A

Section 3 : Hazards Identification

Main Hazard	May be harmful by inhalation, ingestion or skin absorption. Potential hazards unknown, exercise due care.
Other Specific Hazards	N/A

Section 4 : First Aid Measures

Eyes	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. OBTAIN MEDICAL ATTENTION
Skin	In case of contact, remove contaminated clothing, immediately wash skin with soap and copious amounts of water. OBTAIN MEDICAL ATTENTION
Ingestion	Wash out mouth with water provided person is conscious. OBTAIN MEDICAL ATTENTION
Inhalation	Remove to fresh air. If not breathing give artificial respiration. OBTAIN MEDICAL ATTENTION.

Section 5 : Fire Fighting Measures

Extinguishing Media	Carbon dioxide, dry chemical powder or appropriate foam.
Special Hazards of Product	N/A
Protective Equipment for Fire Fighting	Wear mask and protective clothing to prevent contact with skin and eyes.

Section 6 : Accidental Release Measures

Personal Protection	Wear protective clothing, respirator, chemical safety goggles, rubber gloves and rubber boots.
Leaks and Spills	Clean the contaminated area thoroughly with a suitable solvent and absorbent material taking care to avoid breathing fumes. Dispose of all cleaning materials with care (see section 13)

Section 7 : Handling and Storage

Handling	Wear protective clothing, gloves and safety goggles. Use in a fume extracted cabinet. Avoid contact with eyes skin and clothing. Wash thoroughly after handling.
Storage	Keep container closed. Store in a freezer protected from moisture at -20°C

Section 8 : Exposure controls/Personal Protection

Exposure Controls	See Sections 7 and 8 above
Personal Protection	See Sections 7 and 8 above

Section 9 : Physical and Chemical Properties

Physical State	Colourless oil		
Melting Point	N/A	Boiling Point	Decomposes
Flash Point	N/A	Explosion Limits	
Solubility (Water)	Insoluble	Solubility (Org. Solvents)	Soluble in Acetonitrile, dichloromethane
Chemical Formula	C ₃₅ H ₄₈ N ₃ O ₃ P	Molecular Weight	589.76
Other Information	N/A		

Section 10 : Stability and Reactivity

Chemical Stability	Stable
Incompatibilities	Oxidising agents, reducing agents, bases, strong acids
Hazardous Decomposition or Combustion Products	Carbon dioxide, carbon monoxide, nitrogen oxides
Hazardous Polymerisation	None known

Section 11 : Toxicological Data

Toxic Effects	To the best of our knowledge the chemical physical and toxicological properties of this substance have not been investigated. Material should be handled with care to avoid any unnecessary exposure
Other Toxicological Data	N/A

Section 12 : Ecological Information

Data not yet available. In use, caution should be exercised to minimise release into the environment by using appropriate containment procedures

Section 13 : Disposal Information

Dispose by incineration at high temperature in an approved incinerator fitted with appropriate environmental protection equipment. Dispose of in accordance with all applicable Local, National, State and Federal regulations. Labels should not be removed from containers until they have been thoroughly cleaned in an appropriate manner. Containers should not be treated as domestic waste and disposed of appropriately. Always use an approved disposal company.

Section 14 : Transport Information

UN No.	N/A	UN Class	N/A	UN Packing Gp.	N/A
Road Freight	Non-hazardous for road freight				
Sea Freight	Non-hazardous for sea freight				
Air Freight	Non-hazardous for air freight				

Section 15 : Regulatory Information

European Information:

R Phrases	R20/22 Harmful. Harmful by inhalation and if swallowed
S Phrases	S36 Wear suitable protective clothing

Section 16 : Other information

MSDS First Issued	Nov01	MSDS Last Revision	Nov01	MSDS Version	R00
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