

Material Safety Data Sheet. No: SD2145-R00

Section 1 : Chemical Identification

Catalogue No.:	2145-XXXX	Name:	2-Amino-dA-CE Phosphoramidite
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Section 2 : Composition/information on Ingredients

Chemical Name	CAS No.	EINECS No.
5'-(4,4'-Dimethoxytrityl)-N2,N6-bis(diisobutylaminomethylidene)-2,6-diamino-2'-deoxypurine riboside, 3'-[(2-cyanoethyl)-(N,N-diisopropyl)]-phosphoramidite	N/A	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	None known.

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	Induce vomiting and wash out mouth with water, provided the person is conscious. OBTAIN MEDICAL ATTENTION
Inhalation	Immediately 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	May produce dangerous oxides of nitrogen during combustion or on heating
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	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill

Section 7 : Handling and Storage

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

Section 8 : Exposure controls/Personal Protection

Exposure Controls	Always use adequate fume extraction and keep storage vessels closed when not in use. See also sections 6 and 7 above.
Personal Protection	Protective gloves, goggles or laboratory safety spectacles and clothing are recommended. See also sections 6 and 7 above.

Section 9 : Physical and Chemical Properties

Physical State	White to off-white free-flowing powder		
Melting Point	N/A	Boiling Point	Decomposes
Flash Point	N/A	Explosion Limits	N/A
Solubility (Water)	Insoluble	Solubility (Org. Solvents)	Soluble acetonitrile
Chemical Formula	C ₅₈ H ₈₃ N ₁₀ O ₆ P	Molecular Weight	1047.33
Other Information	N/A		

Section 10 : Stability and Reactivity

Chemical Stability	Stable under normal temperatures and pressures
Incompatibilities	N/A
Hazardous Decomposition or Combustion Products	Toxic oxides of nitrogen may be produced on combustion or heating to decomposition.
Hazardous Polymerisation	Will not occur under normal conditions

Section 11 : Toxicological Data

Toxic Effects	Not available
Other Toxicological Data	Not available

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	Not hazardous for road transport				
Sea Freight	Not hazardous for Sea Freight				
Air Freight	Not hazardous for Air Transport				

Section 15 : Regulatory Information

European Information:

R Phrases	R20/22 - Harmful. Harmful by inhalation and if swallowed
S Phrases	S26 In case of contact with eye, rinse immediately with plenty of water and seek medical advice

Section 16 : Other information

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