

SAFETY DATA SHEET Eclipse[®] Quencher Phosphoramidite (10-5925-xx)

Product Code: Product Name: Product Use: Manufacturer Information Company Name:

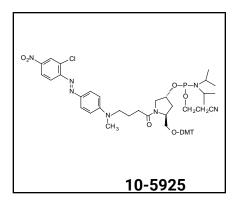
Phone Number: Web site address: Email address: Information in case of emergency CAS Number: Synonyms:

1. Product and Company Identification

10-5925-xx Eclipse[®] Quencher Phosphoramidite For Research Use Only

Glen Research LLC 22825 Davis Drive Sterling, VA 20164 USA 1-703-437-6191 www.glenresearch.com msds@glenres.com 1-703-437-6191 916753-64-5 Eclipse® Quencher Phosphoramidite

2. Hazards Identification



GHS Hazard Statements

H303: May be harmful if swallowed.

H313: May be harmful in contact with skin.

H320: Causes eye irritation.

H333: May be harmful if inhaled.

GHS Precautionary Statements

P103: Read label before use.

P232: Protect from moisture.

P233: Keep container tightly closed.

P280: Wear protective gloves / protective clothing / eye protection / face protection.

GHS Response Statements

P301 + 330: IF SWALLOWED: Rinse mouth with water.

P302 + 350: IF ON SKIN: Gently wash with soap and water.

P304 + 340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + 351 + 338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do so - continue rinsing.

P306 + 360: IF ON CLOTHING: Rinse contaminated clothing and skin immediately with plenty of water before removing clothes.

P314: Get medical advice / attention if you feel unwell.

P362: Take off contaminated clothing and wash before use.

GHS Storage and Disposal Phrases

P401 Store in a cool, dry place

P501: Dispose of contents / container in a safe way in accordance with all federal, state and local regulations. Emergency Overview

No known OSHA hazards. May cause eye, skin, and respiratory tract irritation.

Route(s) of Entry:

Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes

Potential Health Effects (Acute and Chronic) No data available.
Recommended Exposure Limits No data available.
LD 50 / LC 50 No data available.
Signs and Symptoms of Exposure No data available.
Medical Conditions Generally Aggravated By Exposure No data available.

3. Composition/Information on Ingredients

Product Name	CAS #	Concentration	M.W.	Formula	
Eclipse [®] Quencher Phosphoramidite	916753-64-5	100 %	978.5	C ₅₂ H ₆₁ CIN ₇ O ₈ P	
Synonyms:	Eclipse [®] Quencher Phosphoramidite				

4. First Aid Measures

Emergency and First Aid Procedures

If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

In case of skin contact, immediately wash skin with soap and plenty of water.

Remove contaminated clothing.

Wash clothing before reuse.

Get medical attention if symptoms occur after washing.

If swallowed, rinse mouth with water.

Get medical attention.

If in contact with eyes, rinse cautiously with water for several minutes. Get medical attention if symptoms occur after washing. Remove contact lenses if present and continue rinsing.

5. Fire Fighting Measures

Flash Point:	No data	
Explosive Limits:	LEL: No data	UEL: No data
Fire Fighting Instructions		
A finely divided dust aerosol may	/ be explosive, althougl	h the exact conditions of the hazards are unknown.
Wear appropriate protective cloth	hing to prevent contact	with skin and eyes.
Wear a self-contained breathing	apparatus (SCBA) if ne	cessary.
Flammable Properties and Hazards		•
No data available.		
Hazardous Combustion Products		
Oxides of nitrogen, carbon and pl	hosphorous	
Suitable Extinguishing Media		
Use a Class A Extinguisher (Dry o	chemical, carbon dioxic	le, water or foam).
Unsuitable Extinguishing Media		
No data available.		

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled Sweep up bulk of material and finish by wiping with a damp towel. Do not let product enter the drain. Wear impermeable gloves, safety glasses and a lab coat when cleaning up the spill. A NIOSH dust mask is recommended when a possibility of dust inhalation exists. Local exhaust is usually sufficient. 7. Handling and Storage Precautions To Be Taken in Handling Handle using safe laboratory practices. Avoid all direct contact. **Recommended Storage** Freezer storage, -10 to -30°C, dry Precautions To Be Taken in Storing Keep container tightly closed. Store in well-ventilated place. **Other Precautions** Protect from sunlight. 8. Exposure Controls/Personal Protection **Product Name** CAS # **OSHA PEL** ACGIH TLV Other Limits Eclipse[®] Quencher Phosphoramidite 916753-64-5 No data No data No data Respiratory Equipment (Specify Type) A NIOSH dust mask is recommended when a possibility of dust inhalation exists. **Eye Protection** Safety glasses **Protective Gloves** Impermeable gloves **Other Protective Clothing** Normal laboratory apparel **Engineering Controls (Ventilation etc.)** Local exhaust ventilation is usually sufficient Work/Hygienic/Maintenance Practices Wash hands after handling 9. Physical and Chemical Properties []Gas [] Liquid [X] Solid **Physical State: Red-purple solid** Appearance: Odor: **Odorless Odor Threshold:** No data pH: No data **Melting Point:** No data **Freezing Point:** No data Initial Boiling Point and Boiling Range: No data Flash Point: No data **Specific Gravity:** ~1 Evaporation Rate (Water=1): << 1

UEL: No data

No data

LEL: No data

Flammability:

Explosive Limits:

Vapor Pressure (vs. Air or mm Hg):	No data					
Vapor Density (vs. Air = 1):	No data					
Relative Density:	No data					
Solubility in Water:	No data					
Partition Coefficient (n-octanol/water):	No data					
Auto-ignition Temperature:	No data					
Decomposition Temperature:	No data					
Viscosity:	No data					
Percent Volatile:	No data					
	10. St	ability and Read	ctivity			
Stability:	Unstable []	Stable [X]				
Conditions To Avoid - Instability Stable under recommended storage co	nditions.					
Incompatibility - Materials To Avoid						
Strong oxidizing reagents						
Hazardous Decomposition or Byproducts						
Oxides of nitrogen, carbon and phosph	orous may evolv	when heated	to decomposition			
Possibility of Hazardous Reactions:	Will occur []	Will not occu	-			
Conditions To Avoid - Hazardous Reactions						
Stable material, hazardous polymerizat		r.				
	11. Toxi	cological Infor	mation			
To the best of our knowledge, the toxic This product should be handled with the Product Name Eclipse® Quencher Phosphoramidite	e usual care whe CAS # 916753-64-5	n dealing with NTP	chemicals. IARC No data	n investigated. OSHA No data		
	12. EC		ation			
No data available.						
	13. Disposal Considerations					
Waste Disposal Method						
For Product - Observe all federal, state	and local regulat	tions.				
For Contaminated Packaging - Dispose	of in compliance	e with regulatio	ns.			
Sweep up bulk of material and finish by	/ wiping with a da	amp towel. Disp	oose of unused pro	duct.		
	14. Tr	ansport Inform	ation			
LAND TRANSPORT (49CFR)						
49CFR Shipping Name	Not a dangerou	s substance as	defined in the reg	ulations		
AIR TRANSPORT (ICAO/IATA)	not a dangerou	e cubetanee ac				
ICAO/IATA Shipping Name	Not a dangerou	s substance as	defined in the reg	ulations.		
MARINE TRANSPORT (IMDG/IMO)	uuuuu					
IMDG/IMO Shipping Name	Not a dangerou	s substance as	defined in the reg	ulations		
Marine Pollutant:	No		a chine a lin the leg			
Additional Transport Information						
Not regulated as a hazardous material	or dangerous go	ods.				

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15. Regulatory Information

Regulatory Information

SARA 302 Components: No chemicals in this product are subject to reporting requirements of SARA Title III, Section 302.

SARA 313 Components: This product does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

16. Other Information

For all other inquiries about this product contact Glen Research at 1-800-327-GLEN or 1-703-437-6191.

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