

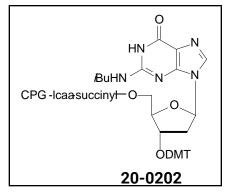
## 1. Product and Company Identification

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: 20-0202-xx dG-5'-CPG 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 No data dG-5'-CPG





#### **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 CAS # Formula **Product Name** M.W. Concentration dG-5'-CPG 100 % No data No data No data Synonyms: dG-5'-CPG 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 LEL: No data **Explosive Limits: UEL: No data Fire Fighting Instructions** A finely divided dust aerosol may be explosive, although the exact conditions of the hazards are unknown. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) if necessary. **Flammable Properties and Hazards** No data available. **Hazardous Combustion Products Oxides of Nitrogen and Carbon** Suitable Extinguishing Media Use a Class A Extinguisher (Dry chemical, carbon dioxide, 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** Controlled room temperature or lower, 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** dG-5'-CPG No data No data No data No data Respiratory Equipment (Specify Type) A NIOSH dust mask is recommended when a possibility of dust inhalation exists. **Eve 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 [X] Solid **Physical State:** []Gas [] Liquid Appearance: White to off-white powder 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 No data Flash Point: **Specific Gravity:** No data Evaporation Rate (Water=1): No data No data Flammability: **Explosive Limits:** LEL: No data **UEL: No data** 

No data

No data

No data

Vapor Pressure (vs. Air or mm Hg):

Vapor Density (vs. Air = 1):

**Relative Density:** 

Solubility in Water: Partition Coefficient (n-octanol/water): Auto-ignition Temperature

10. Stability and Reactivity

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 and carbon may evo	lve when heated to	o decomposition.		
Possibility of Hazardous Reactions:		Will not occur [X]		
Conditions To Avoid - Hazardous Reactions				
Stable material, hazardous polymerizat	ion will not occur.			
	11. Toxic	ological Informati	on	
To the best of our knowledge, the toxic	ological properties	s of this substance	e have not been in	vestigated.
This product should be handled with the	e usual care when	dealing with chen	nicals.	
Product Name	CAS #	NTP	IARC	OSHA
dG-5'-CPG	No data	No data	No data	No data
	12. Eco	logical Information	ı	
No data available.				

No data No data

No data

**13. Disposal Considerations** 

Waste Disposal Method

For Product - Observe all federal, state and local regulations. For Contaminated Packaging - Dispose of in compliance with regulations. Sweep up bulk of material and finish by wiping with a damp towel. Dispose of unused product.

14. Transport Information

LAND TRANSPORT (49CFR)	
49CFR Shipping Name	Not a dangerous substance as defined in the regulations.
AIR TRANSPORT (ICAO/IATA)	
ICAO/IATA Shipping Name	Not a dangerous substance as defined in the regulations.
MARINE TRANSPORT (IMDG/IMO)	
IMDG/IMO Shipping Name	Not a dangerous substance as defined in the regulations.
Marine Pollutant:	No
Additional Transport Information	

Not regulated as a hazardous material or dangerous goods.

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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