

Guanosine-5'-monophosphate: sc-295032



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL IDENTIFICATION

PRODUCT NAME: Guanosine-5'-monophosphate

CATALOG NBR: sc-295032

SYNONYMS: 5'-GMP

SUPPLIER: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800

EMERGENCY: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 85-32-5

MF: C₁₀H₁₄N₅O₈P

MW: 363.22

SECTION 3. HAZARDS IDENTIFICATION

NOT AVAILABLE

POTENTIAL HEALTH EFFECTS

THE TOXICOLOGICAL PROPERTIES OF THIS MATERIAL HAVE NOT BEEN INVESTIGATED. USE APPROPRIATE PROCEDURES TO PREVENT OPPORTUNITIES FOR DIRECT CONTACT WITH THE SKIN OR EYES AND TO PREVENT INHALATION.

SECTION 4. FIRST-AID MEASURES

EYES: NOT AVAILABLE

SKIN: NOT AVAILABLE

INHALATION: NOT AVAILABLE

INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS AND ALERT, RINSE MOUTH AND DRINK 2-4 CUPFULS OF MILK OR WATER.

NOTES FOR PHYSICIAN: TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: NOT AVAILABLE

AUTOIGNITION TEMPERATURE: NOT AVAILABLE

FLAMMABLE LIMITS IN AIR, BY % VOLUME

UPPER: NOT AVAILABLE

LOWER: NOT AVAILABLE

EXTINGUISHING MEDIA: NOT AVAILABLE

GENERAL INFORMATION: AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR.

SECTION 6. ACCIDENTAL RELEASE MEASURES

USE PROPER PERSONAL PROTECTIVE EQUIPMENT AS INDICATED IN SECTION 8.

SPILLS AND LEAKS: SWEEP UP, THEN PLACE INTO A SUITABLE CONTAINER FOR DISPOSAL.

SECTION 7. HANDLING AND STORAGE

HANDLING: NOT AVAILABLE

STORAGE: KEEP COOL AND DRY. STORE AT 4 °C.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP AIRBORNE CONCENTRATIONS BELOW THE PERMISSIBLE EXPOSURE LIMITS.

EYES: WEAR SAFETY GLASSES AND CHEMICAL GOGGLES IF SPLASHING IS POSSIBLE.

SKIN AND CLOTHING: WEAR APPROPRIATE PROTECTIVE GLOVES AND CLOTHING TO PREVENT SKIN EXPOSURE. WEAR APPROPRIATE PROTECTIVE CLOTHING TO MINIMIZE CONTACT WITH SKIN.

RESPIRATORS: WEAR A NIOSH/MSHA OR EUROPEAN STANDARD EN 149 APPROVED FULL-FACEPIECE AIRLINE RESPIRATOR IN THE POSITIVE PRESSURE MODE WITH EMERGENCY ESCAPE PROVISIONS.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: NOT AVAILABLE

pH: NOT AVAILABLE

VAPOR PRESSURE: NEGLIGIBLE

VISCOSITY: NOT AVAILABLE

BOILING POINT: NOT AVAILABLE

FREEZING / MELTING POINT: NOT AVIALABLE

SECTION 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

CONDITIONS TO AVOID: INCOMPATIBLE MATERIALS.

INCOMPATIBILITY WITH: OXIDIZING AGENTS, REDUCING AGENTS, BASES, ALKALI METALS.

OTHER MATERIALS: NOT AVAILBLE

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: HAS NOT BEEN REPORTED.

SECTION 11. TOXICOLOGICAL INFORMATION

RTECS#: NOT AVAILABLE

LD50/LC50: NOT AVAILABLE

CARCINOGENICITY: NOT LISTED BY ACGIH, IARC, NIOSH, NTP, OR OSHA. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

SECTION 12. ECOLOGICAL INFORMATION

DATA NOT YET AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSE OF IN A MANNER CONSISTENT WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

IATA

NOT REGULATED

SECTION 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA: CAS# 85-32-5 IS LISTED ON THE TSCA INVENTORY.

EUROPEAN/INTERNATIONAL REGULATIONS

EUROPEAN LABELING IN ACCORDANCE WITH EC DIRECTIVES HAZARD SYMBOLS: NOT AVAILABLE

RISK PHRASES:

NOT AVAILABLE

SAFETY PHRASES:

S 24/25 AVOID CONTACT WITH SKIN AND EYES.

WGK (WATER DANGER/PROTECTION)

CAS# 85-32-5 : NO INFORMATION AVAILABLE.

UNITED KINGDOM OCCUPATIONAL EXPOSURE LIMITS

UNITED KINGDOM MAXIMUM EXPOSURE LIMITS

CANADA - DSL/NDSL

CAS# 85-32-5 IS LISTED ON CANADA'S DSL LIST.

CANADIAN INGREDIENT DISCLOSURE LIST

CAS# 85-32-5 : IS NOT LISTED ON CANADA'S INGREDIENT DISCLOSURE LIST.

EXPOSURE LIMITS

NOT AVAILABLE

SECTION 16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

4/12/2012