

SECTION 1- PRODUCT IDENTIFIER AND COMPANY INFORMATION

Product Name: Genomic deoxyribonucleic acid (DNA)
Catalog #: Various

COMPANY INFORMATION: CORIELL INSTITUTE for MEDICAL RESEARCH
403 HADDON AVENUE
CAMDEN, NJ 08103

FOR INFORMATION CALL: (800) 752-3805 in the United States
: (800) 757-4848 from other countries

CHEMTREC EMERGENCY: (800) 424-9300

SECTION 2- HAZARD(S) IDENTIFICATION

GHS Symbol: NA
Signal Word: NA

Emergency Overview: This product contains no substances, which at their given concentrations, are considered to be hazardous to health.

Label Precautionary Statements: May be irritating to eyes, respiratory system and skin. The toxicological properties of this chemical have not been thoroughly investigated.

SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no ingredients at concentrations to be considered hazardous as defined by OSHA 29CFR 1910.1200 however this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's chemical hygiene plan.

This product is for research and development use only. It is not for clinical or household use.

SECTION 4- FIRST AID MEASURES

Ingestion: If person is unconscious seek emergency medical attention; never give anything by mouth to an unconscious person. If the person is conscious wash mouth out with copious amounts of water and call a physician. Do not induce vomiting unless directed to do so by a physician.

Inhalation: If person is unconscious seek emergency medical attention. If person is conscious remove to fresh air and call a physician.

Dermal Exposure: Immediately wash skin with copious amounts of water followed by washing with soap and copious amounts of water. Remove all contaminated clothing.

Eye exposure: Flush eyes with copious amounts of water for at least 15 minutes with eyelids separated and call a physician.

Notes to Physician: Treat symptomatically and supportively.

SECTION 5- FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Substance is non-combustible, use most readily available extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Autoignition Temperature: NA

Explosion Limits: NA

Flash Point: NA

SECTION 6- ACCIDENTAL RELEASE MEASURES

Use Personal Protective Equipment: Including Splash Goggles, Chemical Resistant Gloves, and appropriate clothing to prevent skin exposure. In addition, a Respiratory protection program that complies with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Spills and Leaks: Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material.

SECTION 7- HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes skin and clothing and follow good industrial hygiene and safety practices.

Storage: Keep in properly labeled containers. If frozen Suspension Store intact at -70°C. If the item is Freeze Dried Store at -20°C.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment: Including Safety glasses or goggles, gloves, and appropriate clothing to prevent skin exposure.

Hygiene Measures: When using, do not eat, drink or smoke and handle in accordance with good industrial hygiene and safety practices.

Exposure Limits: No exposure limits for this material have been established by ACGIH, NIOSH, or OSHA. There are no Vacated OSHA PEL for this material.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid vials or frozen plates

Physical State: Ambient or frozen suspension

No Information is available for Vapor Pressure, Vapor Density, Evaporation Rate, Viscosity, Boiling Point, Freezing/Melting Point, Decomposition Temperature, Solubility, Specific Gravity/Density, or Molecular Weight.

SECTION 10- STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: No information available.

Hazardous Decomposition Products: Will not occur.

Hazardous Polymerization: Will not occur.

SECTION 11- TOXICOLOGICAL INFORMATION

No Information was found in relation to: RTECS, LD50/LC50, Carcinogenicity, Epidemiology, Teratogenicity, Reproductive effects, Mutagenicity, or Neurotoxicology.

Note: The toxicological properties of this substance have not been fully investigated.

SECTION 12- ECOLOGICAL INFORMATION

The environmental impact of this product has not been fully investigated.

SECTION 13- DISPOSAL CONSIDERATIONS

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed or otherwise comes into contact with a hazardous waste. If chemical additions are made to this material, or if the material is processed or otherwise altered, consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

SECTION 14- TRANSPORT INFORMATION

Land Transport (ADR/RID): Not a dangerous good in sense of this transport regulation.
Inland Water ways transport (ADN): Not a dangerous good in sense of this transport regulation.
Sea Transport (IMDG): Not a dangerous good in sense of this transport regulation.
Air Transport (ICAO-TP / IATA-DGR): Shipped as a Biological Substance B, UN3373
DOT Classification: Not a DOT controlled material (United States)

SECTION 15- REGULATORY INFORMATION

This substance is not listed on the TSCA Inventory. It is for research and development use only.
This substance is not SARA listed.

US Federal Regulations: SARA 313: This product is not regulated by SARA CAA, Section 112, Hazardous Air Pollutants (HAPs) (40 CFR 61): This product does not contain HAPs.

US State Regulations: California Proposition 65: This product does not contain chemicals listed under Proposition 65.

SECTION 16- OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BASED UPON DATA AVAILABLE TO CORIELL AND TO THE BEST OF OUR KNOWLEDGE. USERS SHOULD MAKE AN INDEPENDENT DECISION REGARDING THE COMPLETENESS OF THIS INFORMATION BASED ON THEIR NEEDS AND DATA AVAILABLE TO THEM. ALL SUBSTANCES AND MIXTURES MAY PRESENT UNKNOWN HAZARDS AND ALL NECESSARY SAFETY PRECAUTIONS SHOULD BE TAKEN. THE CORIELL INSTITUTE FOR A MEDICAL RESEARCH ASSUMES NO LIABILITY RESULTING FROM HANDLING OR CONTACT WITH THIS SUBSTANCE.